

ACADEMIC PROGRAM GUIDE

FALL 2019 - SUMMER 2020

Western Nevada College

START HERE!

Take time to prepare for your educational journey and it will be a rewarding one.

www.wnc.edu/starthere/

Apply for Admission

www.wnc.edu/starthere/

Take Placement Tests

Students who have not taken the ACT or SAT will need to take placement tests. Appointments for testing are made through WNC's Counseling Services Office.

Attend an Orientation

New student orientation helps you make a successful transition to college. Learn about academic expectations and campus resources.

Meet with a Counselor

Before registering for classes, meet with a counselor for academic advisement. Our counselors can help you plan a schedule that works for you and your goals.

Apply for Financial Aid & Scholarships

There are more financial aid and scholarship opportunities than ever before to help make college affordable. Grants, loans and on-campus student work are available.

Attending WNC for a career upgrade or workforce development?

Taking a few credit classes for personal interest?

There is a special checklist just for you! Visit www.wnc.edu/starthere/

Enroll in a College Success Class

Strategies for Academic Success (EPY 150) is a college-level, transferable course that offers tips for productive studying, test-taking and other college learning tools.

Register for Classes

Class enrollment is done through myWNC at my.wnc.edu.

Pay Fees

Pay attention to payment deadlines or enroll in a payment plan to avoid being dropped from classes.



PROFESSIONAL AND APPLIED TECHNOLOGY

Learn technical skills that lead to jobs in the New Nevada.

INDUSTRY CREDENTIALS

Be ready to enter the workplace in as little as eight weeks.

CERTIFICATES OF ACHIEVEMENT

Expand your skills with a one-year certificate.

ASSOCIATE OF APPLIED SCIENCE DEGREES

Earn a degree in two years.



MAKE MONEY Earn up to \$10,000 more annually with industry certifications



GET HIRED Industry certifications prove to employers you have the skills they need

PROGRAMS AND CAREER PATHWAYS

Accounting

Automated Systems

Automotive Mechanics

Computer Information Technology

Construction Management

Criminal Justice

Deaf Studies

Education

General Business

General Industrial Technology

Graphic Design

Machine Tool Technology

Management

Mechatronics

Nursing & Allied Health

Welding

CERTIFICATES OF ACHIEVEMENT AND INDUSTRY CERTIFICATIONS

WNC offers more than 20 industry-recognized credentials for skill development and career advancement.

ASSOCIATE OF APPLIED SCIENCE DEGREE

WNC offers two-year career preparation programs in many areas. Students learn technical skills that lead to jobs.

ASSOCIATE OF GENERAL STUDIES DEGREE

This general degree fits a wide variety of needs. Work closely with a counselor to determine if this degree meets your goals.

BACHELOR OF APPLIED SCIENCE DEGREE

A four-year Bachelor of Applied Science degree in Construction Management is available to help students climb a career ladder from learning basic construction skills, to becoming a construction manager.



ATTEND COLLEGE ONLINE

Learn at times of the day that are convenient for you, while maintaining your commitments to work and/or family.

TRANSFER DEGREES

ASSOCIATE OF ARTS • ASSOCIATE OF BUSINESS • ASSOCIATE OF SCIENCE

Transfer degrees are for individuals who plan to transfer from WNC to a four-year college or university to pursue a bachelor's degree.

At WNC, students receive quality education at a lower cost, with smaller classes and a comfortable learning environment.

JUMP START YOUR COLLEGE DEGREE

Complete core college courses while in high school • Real college courses, on a real college schedule
Credits transfer to a university • Industry-recognized credentials

The Jump Start program is a dual-enrollment opportunity for students attending Nevada high schools. Students enroll in college courses through Western Nevada College while simultaneously earning high school credits.

www.wnc.edu/jump-start/

PREPARE TO TRANSFER TO A UNIVERSITY

High school students can earn up to a transferable Associate of Arts college degree and their high school diploma at the same time. All credits transfer to Nevada System of Higher Education institutions. Jump Start graduates have successfully transferred their credits and are completing bachelor degrees at Brigham Young University, Stanford, Cal Poly and other out-of-state institutions.

APPLIED TECHNOLOGY OPPORTUNITIES

Students interested in Applied Technology can earn 24 college units as well as industry credentials in high-demand, high-wage jobs.



CAMPUS RESOURCES

ADMISSIONS & RECORDS

Our admissions team can help you access your myWNC account, assist you with registration and more!

www.wnc.edu/admissions | 445-3277

BUSINESS OFFICE/PAYMENTS

Paying fees on time is important for student success. WNC's Business Office offers payment plans to make paying for college easier.

www.wnc.edu/admissions/fees | 445-4221

COUNSELING SERVICES

Academic advising is available to help students make important decisions regarding educational goals and career pathways. The goal of our Counseling Office is to help you stay on track toward graduation.

www.wnc.edu/counseling | 445-3267

DISABILITY SUPPORT SERVICES / CAREERCONNECT

Students with disabilities are provided equal access to higher ed through academic support services, technology and advocacy. The CareerConnect program works closely with DETR-VR to offer coordinated service provision that leads to successful employment.

www.wnc.edu/dss | 445-4402

FINANCIAL ASSISTANCE

Our financial assistance team aims to help reduce financial barriers so you can thrive at WNC.

www.wnc.edu/financial | 445-3264

LATINO OUTREACH

Our Latino Outreach team is dedicated to assisting first-generation Latino students in order to promote enrollment, course completion and degree attainment.

www.wnc.edu/latino-outreach | 445-3215

VETERANS RESOURCE CENTER

With the motto of "Vets helping Vets" this office focuses on assisting vets and their families in the transition to higher education.

www.wnc.edu/veterans-resource-center | 445-3302

Carson City Campus
2201 W. College Parkway
Carson City, NV 89703
775-445-3000

Douglas Campus
1680 Bently Parkway South
Minden, NV 89423
775-782-2413

Fallon Campus
160 Campus Way
Fallon, NV 89406
775-423-7565



www.wnc.edu



FIND WHAT YOU NEED

Inside, you will find course requirements for degrees and certificates. You will also find program information for more than 15 career pathways, in which you can earn a certificate in as little as 8 weeks, or achieve a degree in two years.

WNC's Counseling team is available to help you make important decisions about your future and develop an education plan that meets your goals.

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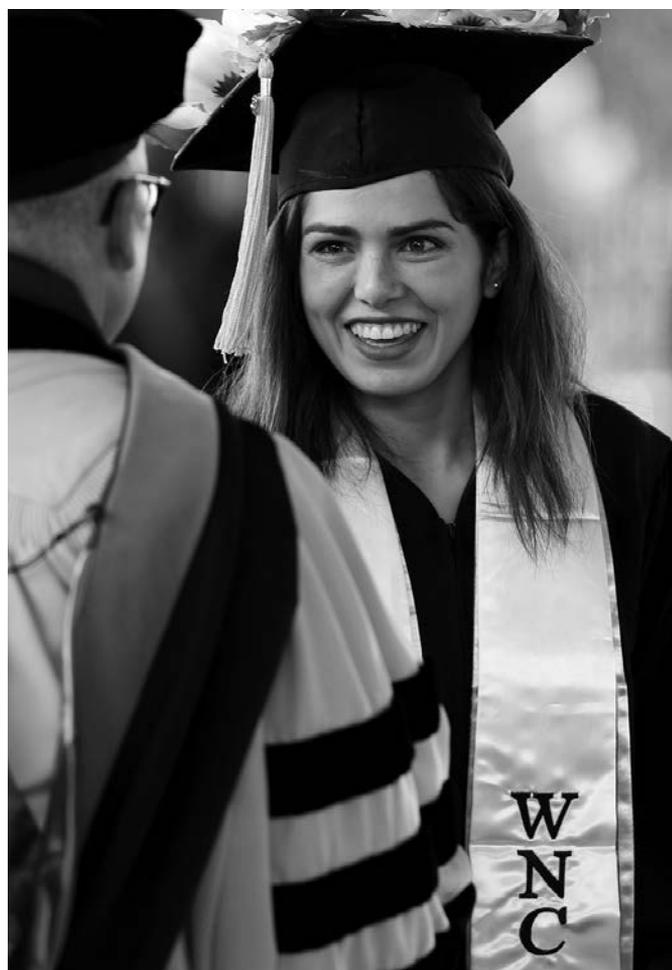
WNC Student Learning Outcomes

Student learning is the core of WNC's mission, and the college celebrates this importance with institution-wide student learning outcomes. The WNC Student Learning Outcomes (SLOs) guide all courses, programs and degrees offered by WNC.

SLOs one through six provide the structure for general education and alignment for academic program outcomes;

SLO seven provides a connection for career preparation emphases.

General education provides a broad educational foundation that is essential to meeting educational, social, personal and career goals. WNC's general education curriculum consists of rigorous, interrelated academic experiences that introduce students to diverse ways of thinking and understanding their world. Through a range of connected learning experiences, general education introduces students to a breadth of knowledge that complements and prepares students for the depth provided in a completed degree program.



Upon completing a degree at WNC, students must demonstrate:

- 1. WORKING KNOWLEDGE** – Identify, describe and apply information, theories, methodologies and approaches from the sciences, social sciences and humanities/arts.
- 2. WRITTEN COMMUNICATION** – Write effective projects, papers, and reports.
- 3. QUANTITATIVE LITERACY** – Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in either the specific field of study or in interpreting information in other fields.
- 4. INFORMATION LITERACY** – Locate, evaluate and appropriately use information from multiple resources to complete projects, activities and papers.
- 5. DIVERSITY AND SOCIETY** – Describe diverse historical and/or contemporary positions on selected democratic values or practices.
- 6. CRITICAL THINKING** – Integrate knowledge and skills from the study of sciences, mathematics, social sciences and the humanities/arts to think critically about and develop solutions to contemporary and/or enduring problems.
- 7. CAREER PREPARATION** – Identify, describe and apply information in the discipline or career area of their choice sufficient for further study and/or demonstrate competencies required to succeed in the workplace.



Associate Degrees for University Transfer

ASSOCIATE OF ARTS • ASSOCIATE OF BUSINESS • ASSOCIATE OF SCIENCE

At WNC, students can complete the first two years of a bachelor's degree and transfer to a 4-year college or university with junior status. Students may select a course of study that enables them to complete some or all of the lower division requirements for a four-year degree at many colleges or universities including the University of Nevada, Reno; University of Nevada, Las Vegas; Nevada State College; and schools in other states.

Silver State Transfer Program

CO-ADMISSION TO THE UNIVERSITY OF NEVADA, RENO

Students who intend to transfer to UNR after completing their associate degree at WNC may consider co-admission at UNR. By participating, they have the opportunity to work one-on-one with advising specialists as they transition to the University of Nevada, Reno. The purpose of the program is to support community college students as they prepare to transfer, ensuring a smooth transition to the baccalaureate degree. Students who are in the program may take courses from both the community college and the university at the same time that they are pursuing their transferable associate degree. The community college remains the home campus for co-admitted students.

To learn more: <https://www.unr.edu/transfer/nevada-and-california-transfer/silver-state-transfer-program>

PREPARE FOR THESE AREAS OF STUDY:

Accounting	Civil Engineering	General Studies	Marketing	Psychology
Accounting Information Systems	Communication Studies	Geography	Medicine	Rangeland Ecology & Management
Agriculture Science	Community Health Sciences	Geological Engineering	Mechanical Engineering	Renewable Energy
Animal Science	Computer Science & Engineering	Geology	Metallurgical Engineering	Secondary Education (Nevada Teach)
Anthropology	Counseling & Educational Psychology	Geophysics	Mining Engineering	Social Work
Art	Criminal Justice	History	Molecular Biology/ Immunology	Sociology
Art History	Ecohydrology	Human Development & Family Studies	Music	Spanish
Astronomy	Economics	Hydrogeology	Music Education	Speech Pathology
Atmospheric Science	Education	Information Systems	Music: Applied (Instrumental, Jazz, Voice)	Theatre
Biochemistry & Molecular Biology	English	Integrated Elementary Teaching	Natural Resources & Environmental Science	Veterinary Science
Biology	Electrical Engineering	International Affairs	Neuroscience	Wildlife Ecology & Conservation
Biomedical Engineering	Engineering Physics	International Business	Nutrition	Women's Studies
Biotechnology	Environmental Engineering	Journalism	Nursing	
Business	Environmental Science	Management	Philosophy	
Business Administration	Finance	Materials Science & Engineering	Physics	
Chemical Engineering	Forest Management & Ecology	Mathematics	Political Science	
Chemistry	French			

NOTE: All courses to be counted toward AA, AB or AS degrees must be university transferable. Courses with a number under 100 (such as ENG 95) are not applicable toward the associate degree.

Courses that are not transferable are indicated with a nontransferable course attribute in the myWNC course catalog. A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. See a counselor for the most current information about transferring to another institution.

Associate of Arts A TRANSFER DEGREE

This degree allows early choices for those planning a professional life in art, communication, education, history, psychology, social sciences, social work or a related field.

The Associate of Arts degree is for students planning to transfer with junior standing to a four-year college or university for a bachelor's degree.

MISSION: The mission of the Associate of Arts degree program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

STUDENT LEARNING OUTCOMES: The successful student will:

- Meet the institutional student learning outcomes (1-6).
- Identify, describe and apply information, theories, methodologies and approaches from social sciences, humanities or arts.
- Produce effective projects, papers and reports.
- Integrate knowledge and skills from the study of social sciences, humanities or arts to think critically about and develop solutions to contemporary or enduring problems.
- Be prepared to succeed at a transfer institution.



YEAR ONE SUGGESTED COURSE SEQUENCE

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ENG 100 or 101	3 <input type="checkbox"/>	ENG 102	3 <input type="checkbox"/>
Social Science	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Educational Psychology 150	3 <input type="checkbox"/>	Fine Arts Course	3 <input type="checkbox"/>
STAT 152, MATH 120	3 <input type="checkbox"/>	Humanities Requirement	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>

THIRD & FOURTH SEMESTER

Take courses that meet requirements for the major at intended transfer school.

PROGRAM REQUIREMENTS

LIBERAL ARTS

6 UNITS

Choose from the following. Courses used to meet general education requirements may also be used to fulfill Liberal Arts requirements:

Any foreign language course numbered 200 or higher (AM 147, 148 accepted)
 ART, ENG, MUS, THTR numbered 200 or higher
 CH, HIST, PHIL numbered 200 or higher
 ANTH, CRJ, ECON, HGPS, PSC, PSY, SOC, SW numbered 200 or higher
 GEOG 200, HDFS numbered 200 or higher

TRANSFER REQUIREMENTS OR GENERAL ELECTIVES

22-27 UNITS

Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer agreement from WNC Counseling Services or the UNR Transfer Center.

GENERAL EDUCATION REQUIREMENTS

33-38 UNITS

ENGLISH/COMMUNICATIONS

6-8 UNITS

English: 100 or 101, 102

FINE ARTS

3 UNITS

Art: 100, 101*, 135, 124, 141, 175, 160, 211, 214, 231, 260, 261

Humanities: 101

Music: 121, 124, 125, 176

Music: Ensemble: 101*, 131, 135

Theatre: 100, 105*, 180

*Course may not meet the fine arts requirement at all universities. Please see a counselor.

HUMANITIES

3 UNITS

Core Humanities: 201, 202

English: 200, 223

History: 105, 106, 208, 209, 247

Philosophy: 101, 135, 200, 203, 204, 207, 210, 224

UNR transfer students, choose at

least one of the following courses:

Core Humanities 201, 202

History 105, 106

Philosophy 200, 207

MATHEMATICS

3 UNITS

Mathematics: 120, 126, 127, 128, 176, 181, 182

Statistics: 152

SCIENCE

6 UNITS

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190, 191, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geography: 103, 104

Geology: 100, 101, 102, 103, 105, 121, 201

Nutrition: 121

Physics: 100, 151, 152, 180 & 180L

Note: Completion of CHEM 121 or BIOL 190, BIOL 223 and BIOL 224, and BIOL 251 fulfills the science general education requirement.

SOCIAL SCIENCES

3 UNITS

Choose from the following list:

Anthropology: 101, 201, 202, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102

Economics: 100, 102, 103

Geography: 106, 200

History: 101, 102, 111, 217

Political Science: 103, 208, 231

Psychology: 101, 102, 233, 234, 240, 257, 261

Sociology: 101

U.S. & NEVADA CONSTITUTION

3-6 UNITS

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103

Associate of Arts BACHELOR DEGREE PATHWAYS

WNC has 2+2 partnerships with UNR and many other institutions to make completing your degree at WNC and transferring later as smooth as possible. The Associate of Arts degree is designed so students may tailor it to meet degree requirements for a variety of majors at transfer institutions.

ART

Explore your creative side by studying art history, painting, sculpture, ceramic, photography, print making and digital media. Careers in graphic design, interior design, teaching and more are possible with an art degree.

CRIMINAL JUSTICE

Students can explore and prepare for various career opportunities in criminal justice, law enforcement, parole and probation and more.

EDUCATION

Educating Nevada's youth is a rewarding career that is in high demand in our state. Through a partnership with Nevada State College, students who earn an AA at WNC can take classes at WNC and online to earn a bachelor's degree without leaving the area. Students can also transfer to UNR or another college to pursue a degree in education.

GENERAL STUDIES

Students who are undecided about their career or feel their interests require an individualized approach can explore a variety of academic disciplines and professional fields.

GRAPHIC DESIGN

Students interested in earning a bachelor degree in Graphic Design can complete an Associate of Arts degree at WNC and then transfer and earn a bachelor degree from the University of Nevada, Reno or Truckee Meadows Community College (granted through Nevada State College) Courses with an * direct transfer to UNR or TMCC. Students should work closely with a counselor when planning their schedules.

HISTORY

An appreciation for research and historic exploration can open doors to career opportunities that value historical research and writing skills, such as teaching, research analytics, archiving, law, and more.

HUMAN DEVELOPMENT AND FAMILY STUDIES

A passion to work with individuals and families can lead to a variety of career options. HDFS grads are in demand in businesses, community settings and organizations because of their knowledge of family and group dynamics and their skills in program development and training.

JOURNALISM

Turn your passion for storytelling into a career in news, advertising, public relations, and other media. The professional world has many opportunities for individuals with an ability use written and oral communication to influence others.

PSYCHOLOGY

Psychology is one of the largest majors at UNR and complements many career fields. Understanding principles of behavior can aid in communication, supervising and many other facets of professional life.

SOCIOLOGY

If society and social classes interest you, then sociology is your career path. Students with this bachelor's degree pursue careers in criminal justice, journalism political science and more.

SOCIAL WORK- WNC/UNR 3+1 COLLABORATIVE

As a profession, social work supports the welfare of individuals in a community by tackling problems related to poverty, discrimination, addiction, domestic violence and disabilities. Students can complete nearly 3 years (5 semesters) of a UNR social work bachelor degree at WNC.



Associate of Business A TRANSFER DEGREE

This degree allows early choices for those planning a professional career in business, management, accounting, marketing or a related field.

The Associate of Business degree is designed for students who intend to transfer with junior status to a four-year college or university for a bachelor degree in a business-related field.

MISSION: The purpose of the Associate of Business degree is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Business degree at WNC are expected to demonstrate that they...

- Articulate and demonstrate their personal employment related knowledge, skills and abilities.
- Evaluate the impact of various economic systems and policies.
- Summarize, record, analyze, interpret and communicate accounting and financial information for decision-making.
- Devise, implement and evaluate managerial decisions, actions and outcomes.
- Apply technology to aid in communications and decision-making.
- Present research, data, analysis and conclusions through written and oral means.
- Describe the changing landscape of the global market and its impact on the United States.
- Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
- Develop business, financial and marketing plans for established and emerging businesses.

SUGGESTED COURSE SEQUENCE

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ENG 101	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 261	3 <input type="checkbox"/>
MATH 176	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Fine Arts Requirement	3 <input type="checkbox"/>	Humanities Course	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>

SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ENG 102	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	CON 262	3 <input type="checkbox"/>
IS 101	3 <input type="checkbox"/>	Humanities Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
U.S./Nev. Constitution	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>



PROGRAM REQUIREMENTS

27 UNITS

Accounting: 201, 202
Economics: 102, 103, 261, 262
Information Systems: 101
Marketing: 210
Mathematics: 176

NOTE: If student does not meet the prerequisite for MATH 176, MATH 126 may be used as a degree elective and should be taken in the first semester.

TRANSFER REQUIREMENT OR GENERAL ELECTIVES - 12 units

Students should take courses that meet requirements for their major at their intended transfer school. Students planning to transfer to the University of Nevada, Reno should obtain a transfer handout from WNC Counseling Services or the UNR Transfer Center.

Recommended: BUS 101

For UNR transfer, COM 101 or 113 and 2 courses from Anthropology 101, Political Science 231, Psychology 101, Sociology 101 are recommended.

GENERAL EDUCATION REQUIREMENTS

A MINIMUM OF 21 UNITS

ENGLISH/COMMUNICATIONS

6 UNITS

English: 101, 102

FINE ARTS

3 UNITS

Art: 100, 101*, 124, 135, 141, 160, 211, 214, 231, 260, 261
Humanities: 101
Music: 121, 124, 125, 176
Music: Ensemble: 101*, 131, 135
Theatre: 100, 105*, 180

**Course may not meet the fine arts*

requirement at all universities. Please see a counselor.

HUMANITIES

3 UNITS

Core Humanities: 201, 202

English: 200, 223

History: 105, 106, 208, 209, 247

Philosophy: 101, 135, 200, 203, 204, 207, 210, 224

UNR transfer students, choose at

least one of the following courses:

Core Humanities 201, 202

History 105, 106

Philosophy 200, 207

SCIENCE

6 UNITS

Anthropology: 102, 110L

Astronomy: 109, 110, 120

Atmospheric Sciences: 117

Biology: 100, 113, 190, 191, 200

Chemistry: 100, 121, 122

Environmental Studies: 100, 101

Geography: 103, 104, 121

Geology: 100, 101, 102, 103, 105, 201

Nutrition: 121

Physics: 100, 151, 152, 180 & 180L

Note: Completion of CHEM 121 or BIOL

190, BIOL 223 and BIOL 224, and BIOL

251 fulfills the science general education

requirement.

SOCIAL SCIENCES

See Program Requirements

U.S. & NEVADA CONSTITUTION

3-6 UNITS

Must meet both requirements. Choose from:

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103

MATHEMATICS

See Program Requirements

Associate of Business BACHELOR DEGREE PATHWAYS

WNC has 2+2 partnerships with UNR and many other institutions to make completing your degree at WNC and transferring later as smooth as possible. The Associate of Business degree is designed so students may tailor it to meet degree requirements for a variety of majors at transfer institutions.

ACCOUNTING

Use your strength in math and numbers for public, industrial, tax, managerial or government accounting. Many opportunities are available because finance and budgets are the backbone of every organization.

ECONOMICS

Work for the government, businesses or nonprofit organizations as an economic and statistical analyst. Provide cutting-edge economic research, and assist public and private decision makers in practical ways.

FINANCE

Skilled with numbers? Make them work for you in financial management, banking, investments and insurance careers. You will learn the skills to credibly weigh in on fiscal matters dealing with business investment and stock and mutual fund research and analysis.

MANAGEMENT

Planning, organizing and leading people and projects are key components for all organizations and business. Students can expect to learn about human resources, general business management, entrepreneurship and related topics.

MARKETING

Become a vital component of a company or organization by having the ability to provide strategic insight. Identify customers, develop ad campaigns, conduct business development research and explore new areas of brand promotion.



Associate of Science A TRANSFER DEGREE

This degree allows early choices for those planning a professional career in mathematics, science, engineering, technology, medicine, agriculture or related field.

The Associate of Science degree is designed for students who intend to transfer with junior status to a four-year college or university for a bachelor of science degree.

MISSION: The mission of the Associate of Science Degree Program is to provide the academic knowledge and skills for successful transfer to meet higher education goals.

STUDENT LEARNING OUTCOMES: The successful student will:

- Meet the institutional student learning outcomes (1-6).
- Demonstrate the ability to identify the fundamental tenets of scientific inquiry.
- Present accurate calculations and symbolic operations, and explain how such calculations and operations are used in the sciences, mathematics or engineering.
- Use critical thinking and creativity to select and apply recognized experimental or observational techniques suitable for examining contemporary or enduring problems in the sciences.
- Be prepared to succeed at transfer institution.

YEAR ONE SUGGESTED COURSE SEQUENCE

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ENG 100 or 101	3 <input type="checkbox"/>	ENG 102	3 <input type="checkbox"/>
HIST 101	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
EPY 150	3 <input type="checkbox"/>	MATH 182 or STAT 152	3-4 <input type="checkbox"/>
MATH 181	4 <input type="checkbox"/>	Science (Group A)	4-6 <input type="checkbox"/>
Fine Arts Requirements	3 <input type="checkbox"/>		

THIRD & FOURTH SEMESTER

Take courses that meet requirements for the major at intended transfer school.



PROGRAM REQUIREMENTS

A MINIMUM OF 18 UNITS CHOSEN FROM THE FOLLOWING:

SCIENCE

12 UNITS

Choose a minimum of 8 units from Group A.

GROUP A:

Anthropology: 102 & 110L
 Biology: 190, 191, 251
 Chemistry: 121, 122
 Geology: 101, 102, 103
 Geography: 103 & 104, or 121
 Physics: 151, 152, 180 & 180L, 181 & 181L, 182 & 182L

MATHEMATICS

6 UNITS

Math 181 or higher required.
 Mathematics: 126, 127, 128, 176, 181, 182, 283, 285, 330
 Statistics: 152

GROUP B:

Astronomy: 109, 110, 120
 Atmospheric Sciences: 117
 Biology: 200, 223, 224
 Chemistry: 220
 Computer Engineering: 201
 Computer Science: 135, 202
 Engineering Science: 100
 Environmental Studies: 100, 101
 Geology: 105, 201
 Mechanical Engineering: 241, 242

Note: Completion of the Associate of Science program requirements fulfills the respective mathematics and science general education requirements.

TRANSFER REQUIREMENT AND ELECTIVES - 19-24 units.

Students should utilize this area to take courses that meet requirements for their major at their intended transfer school. Those who have not yet selected a major may choose from among any university transferable courses to explore their options. Students planning to transfer to the University of Nevada, Reno should obtain a transfer handout from WNC Counseling Services or the UNR Transfer Center.

GENERAL EDUCATION REQUIREMENTS

A MINIMUM OF 18-23 UNITS CHOSEN FROM THE FOLLOWING:

ENGLISH/COMMUNICATIONS

6-8 UNITS

English: 100 or 101, 102

FINE ARTS - 3 UNITS

Art: 100, 101*, 124, 135, 141, 160, 211, 214, 231, 260, 261
 Humanities: 101
 Music: 121, 124, 125, 176
 Music: Ensemble: 101*, 131, 135
 Theatre: 100, 105*, 180
 *Course may not meet the Fine Arts requirement at all universities. Please see a counselor.

HUMANITIES - 3 UNITS

Core Humanities: 201, 202
 English: 200, 223
 History: 105, 106, 207, 208, 209, 247
 Philosophy: 101, 135, 200, 203, 204, 207, 210, 224
 UNR transfer students, choose at least one of the following courses:
 Core Humanities 201, 202
 History 105, 106
 Philosophy 200, 207

MATHEMATICS

See Program Requirements

SCIENCE

See Program Requirements

SOCIAL SCIENCES - 3 UNITS

Anthropology: 101, 201, 202, 212, 215
 Core Humanities: 203
 Criminal Justice: 101, 102
 Economics: 100, 102, 103
 Geography: 106, 200
 History: 101, 102, 111, 217
 Political Science: 103, 208, 231
 Psychology: 101, 102, 233, 234, 240, 257, 261
 Sociology: 101

U.S. & NEVADA CONSTITUTION

3-6 UNITS

Must meet both requirements. Choose from:
 Core Humanities: 203
 History: 111
 History: 101 and one of the following:
 HIST 102, HIST 217, PSC 100, PSC 208
 Political Science: 101, 103
 History & Political Science Combination (History 101 and Political Science 208)

Associate of Science BACHELOR DEGREE PATHWAYS

WNC has 2+2 partnerships with UNR and many other institutions to make completing your degree at WNC and transferring later as smooth as possible. The Associate of Science degree is designed so students may tailor it to meet degree requirements for a variety of majors at transfer institutions.

BIOLOGY

A strong foundation in biology can lead to many career paths in health and environmental science, education, research and more.

CHEMISTRY

A solid background in science and mathematics can lead to careers in education, industry, government, medicine and more. Students will have hands-on experience in a lab environment throughout college studies.

COMMUNITY HEALTH SCIENCE/NUTRITION/KINESIOLOGY

Explore health from many perspectives: emotional, social, spiritual, intellectual, environmental and physical. Students will be prepared to work in a variety of public and private positions, such as hospital administration, community health educator and fitness trainer.

COMPUTER SCIENCE

Enter a field that is growing at a rapid pace, learning to solve societal problems with computers. Because students are provided a well-rounded education in computer science and computer engineering, they will have the versatility employers are seeking.

ENGINEERING

There are many fields in engineering to consider: Civil, mining, mechanical, environmental, chemical and biomedical, computer, metallurgical and geological. These fields are well-compensated and offer promising futures.

ENVIRONMENTAL SCIENCE

Make a difference by preparing to solve a wide variety of environmental problems and focus on areas such as policy, environmental pollution and more. Students will become knowledgeable in animal science, wildlife science, soils, botany and ecology.

GEOLOGY

Learn about the major earth systems and the geologic processes that create and shape them. Find work in energy companies, engineering firms, research institutions, government agencies, colleges and universities.

MATH

Individuals with a skill for math and calculations can balance their abilities with arts, humanities, and other general studies for careers in education, finance, computing, science and more.



Associate of General Studies MEETS A VARIETY OF NEEDS

This degree provides academic exploration for those seeking personal growth or professional advancement. Military credits can qualify for up to 45 units toward this degree.

The Associate of General Studies is intended as an exploratory and terminal degree, not to be used as a transfer degree; however, credits earned under the degree may transfer to 4-year institutions. It is recommended that anyone planning to apply these credits for transfer consult their intended transfer institution for appropriate curriculum planning.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree. In some cases, courses may not transfer to other Nevada community colleges and Nevada State College or other colleges and universities. See a WNC counselor for the latest transfer information. Courses with a number under 100 (such as ENG 95) are not applicable toward an Associate of General Studies degree.

MISSION: The purpose of the Associate of General Studies degree is to provide academic knowledge and skills for personal growth, and/or professional advancement.

STUDENT LEARNING OUTCOMES: The successful student will:

- Meet the general education student learning outcomes.
- Succeed at the professional, academic and personal goals the AGS degree serves.
- Demonstrate knowledge of the subject matter appropriate to their fields of study.



PROGRAM REQUIREMENTS

A MINIMUM OF 60 TOTAL UNITS CHOSEN FROM THE FOLLOWING:

ENGLISH/COMMUNICATIONS 6 UNITS

Must include a three-credit writing course.

Business: 107, 108
Communication: 101, 102, 113
Criminal Justice: 103
English
Journalism: 201
Reading
Writing Course (Business 108, English 100, 101, 102, 107 or any other 200 level English class)

FINE ARTS AND HUMANITIES 3 UNITS

American Sign Language
Art
Core Humanities: 201, 202
Crafts
English: 190, 200, 223, 243, 250, 252, 267, 271, 282, 297
Foreign Languages
Graphic Design
History: 105, 106, 207, 208, 209, 247
Humanities: 101
Music
Philosophy (except for PHIL 102, 114)
Theatre: 100, 105, 180

MATHEMATICS 3 UNITS

Business: 109
Economics: 261, 262
Mathematics
Psychology: 210
Sociology: 210
Statistics: 152

SCIENCE 3 UNITS

Anthropology: 102, 110L
Astronomy: 109, 110, 120
Atmospheric Sciences: 117
Biology (except for BIOL 208, 223, 224, 251)
Chemistry (except for CHEM 220, 241, 241L, 242, 242L)
Environmental Studies
Geography: 103, 104, 121
Geology: 105 (except for GEOL 111, 112, 113, 229)
Nutrition: 121
Physics (except for PHYS 293)

SOCIAL SCIENCES 3 UNITS

Anthropology: 101, 201, 202, 210, 212, 215
Core Humanities: 203
Criminal Justice
Economics: 100, 102, 103
Geography: 106, 200
History: 101, 102, 111, 217, 295
Political Science
Psychology (except for PSY 210)
Sociology (except for SOC 210)

U.S. & NEVADA CONSTITUTION 3-6 UNITS

Must meet both requirements. Choose from:
Must meet both requirements. Choose from:
Core Humanities: 203
History: 111
History: 101 and one of the following:
HIST 102, HIST 217, PSC 100, PSC 208
Political Science: 101, 103
History and Political Science
Combination (History 101 and Political Science 208)

GENERAL EDUCATION REQUIREMENTS

36 OR 39 UNITS

Students may choose from any occupational or general education courses to be used as electives for this degree. Some non-traditional credit approved by Admissions and Records may be applicable to satisfy course requirements for occupational degrees, while other such units may be used as electives for the AGS and AAS degrees only. Students planning to transfer to the University of Nevada, Reno should use the UNR core curriculum guide to satisfy general education requirements.

Associate of Applied Science A CAREER DEGREE

This degree provides career preparation, training and industry credentials in an occupational or technical field.

Students enrolled in an applied science program will benefit from "hands-on" laboratory experience within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement.

Although the AAS degree is not designed to be a transfer program, some courses will transfer to four-year colleges or universities. Students who wish to transfer to a four-year school should consult a WNC counselor. Courses with a number under 100 (such as ENG 95) are not applicable toward an Associate of Applied Science degree at WNC.

A maximum of six units of special topics classes in one subject area may apply toward any WNC degree.

MISSION: The purpose of the Associate of Applied Science degree is to provide employment-related knowledge and skills necessary to succeed in a chosen field of study.

STUDENT LEARNING OUTCOMES: The successful student will:

- Have met the institutional student learning outcomes.
- Know the subject matter appropriate to the emphasis of the degree.
- Have acquired skills and can perform tasks necessary for employment or career advancement.



PROGRAM REQUIREMENTS

36-39 UNITS

The number of units required may vary by emphasis. Some units earned in non-traditional courses may be considered for elective credit and may require review in order to be applied to the AAS degree.

Program requirements can be found on the programs of study pages.

GENERAL EDUCATION REQUIREMENTS

21-24 UNITS

ENGLISH/COMMUNICATIONS 6 UNITS

Must include a writing course.

Business: 107, 108
Communication: 101, 102, 113
Criminal Justice: 103
English
Journalism: 201
Reading
Writing Course: Business 108, English 100, 101, 102, 107 or any 200 level English class

HUMAN RELATIONS 3 UNITS

Anthropology: 101, 201
Business: 110
Counseling and Personal Development: 117, 129
Criminal Justice: 270
Early Childhood Education: 121
Education Psychology: 150
Human Development & Family Studies: 201, 202
Management: 201, 212, 283
Nursing 261
Psychology (except for PSY 210)
Sociology (except for SOC 210)

HUMANITIES/SOCIAL SCIENCE 3 UNITS

Choose from either area:

Humanities:
Art: 100, 101*, 124, 135, 160, 214, 224, 241, 260, 261
Core Humanities: 201, 202
English: 200, 221, 223, 250, 261, 266, 267, 271, 275
History: 105, 106, 207, 208, 209, 247
Humanities: 101
Music: 111*, 121, 124, 125, 134, 176
Music Ensemble: 131, 135
Philosophy (except for PHIL 102, 114)
Theatre: 100, 105, 180

Social Sciences:

Anthropology: 101, 201, 202, 210, 212, 215
Core Humanities: 203
Criminal Justice: 101, 102, 120, 215, 220, 225, 226, 230, 270
Economics: 100, 102, 103
Geography: 106, 200
History: 101, 102, 111, 217, 295
Political Science
Psychology (except for PSY 210)
Sociology (except for SOC 210)

**Course may not meet the fine arts requirement at all universities. See a counselor.*

MATHEMATICS 3 UNITS

Business: 109
Economics: 261, 262
Mathematics
Psychology: 210
Sociology: 210
Statistics: 152

SCIENCE 3 UNITS

Anthropology: 102, 110L
Astronomy: 109, 110, 120
Atmospheric Sciences: 117
Biology (except for BIOL 208, 223, 224, 251)
Chemistry (except for CHEM 220, 241, 241L, 242, 242L)
Environmental Studies
Geography: 103, 104, 121
Geology (except for GEOL 111, 112, 113, 299)
Nutrition: 121
Physics (except for PHYS 293)

U.S. & NEVADA CONSTITUTION 3-6 UNITS

Must meet both requirements. Choose from the following:

Core Humanities: 203
History: 101 & 217
History: 101 & 102
History: 111
History: 101 and one of the following:
HIST 102, HIST 217, PSC 100, PSC 208
Political Science: 101, 103
History and Political Science
Combination (History 101 and Political Science 208)

Professional Skill Development

CERTIFICATE OF ACHIEVEMENT

For those desiring a shorter course of study, WNC offers Certificates of Achievement in many occupational areas. Students enrolled in any of these programs will benefit from "hands-on" laboratory experiences within their major field. They will enter the job market with specific skills and knowledge useful for employment and advancement. In some cases, courses may not transfer to other Nevada community colleges and Nevada State College or to other colleges and universities.

See a WNC counselor for the latest transfer information. Courses with a number under 100 (such as ENG 95) are not applicable toward a Certificate of Achievement at WNC. Courses completed through Certificates of Achievement provide basis for Associate of Applied Science degrees.

MISSION: The purpose of the Certificate of Achievement is to provide employment-related knowledge and skills.

STUDENT LEARNING OUTCOMES: The successful student will:

- Know the subject matter appropriate to the emphasis of the certificate.
- Acquire the skills necessary for employment or career enhancement.
- Successfully represent themselves to a potential employer.
- Demonstrate effective communication and computational skills appropriate to the certificate area.
- Utilize appropriate resources for remaining current in the certificate area.
- Have developed an appreciation of the importance of social, ethical, legal and diversity issues.

CERTIFICATE REQUIREMENTS

30 TOTAL UNITS CHOSEN FROM THE FOLLOWING CATEGORIES:

ENGLISH/COMMUNICATIONS 3-6 UNITS

Must include a writing course.

Business: 107, 108
Communication: 101, 102, 113
Criminal Justice: 103
English
Journalism: 201
Reading
Writing Course; Business 108,
English 100, 101, 102, 107 or any other
200 level English class.

MATHEMATICS - 3 UNITS

Business: 109
Economics: 261, 262
Mathematics
Psychology: 210
Sociology: 210
Statistics: 152

HUMAN RELATIONS - 1-3 UNITS

Anthropology: 101, 201
Business: 110
Counseling and Personal
Development: 117, 129
Criminal Justice: 270
Early Childhood Education: 121
Educational Psychology: 150
Human Development & Family Studies:
201, 202
Management: 201, 212, 283
Nursing: 261
Psychology (except for PSY 210)
Sociology (except for SOC 210)

PROGRAM REQUIREMENTS

30 units are required for any certificate of achievement, although the exact number of units required may differ with particular subject matter.

Gainful Employment Data is Available for all WNC Certificates of Achievement at <https://www.wnc.edu/financial/gainful-employment/>

CERTIFICATION & LICENSING PREPARATION

Students can earn an industry-recognized certification in as little as 8 weeks and enter the workforce above entry level. Certification and licensing preparation programs are designed to prepare students to take state or other certified licensing exams. WNC will issue a certificate of completion for the courses of study, unless otherwise noted.

NOTE: While these courses are designed to prepare students to take a licensing or industry certification exam, the completion of these courses does not include the actual licensing exam, and successful completion of the courses does not guarantee receiving the license or certification.



ADVANCED MANUFACTURING

Industrial Electronics Technology
Manufacturing Technician
Mechatronics Level I and Level II

ALLIED HEALTH

Certified Nursing Assistant
Emergency Medical Services
Laboratory Technician-Phlebotomy

AUTOMOTIVE TECHNOLOGY

Automotive Collision Repair
Automotive Service Excellence

BUSINESS/ACCOUNTING

Bookkeeping

COMPUTER INFORMATION TECHNOLOGY

Cisco Networking
CyberSecurity
Microsoft Certification

CONSTRUCTION

Certified Inspector of Structures
Ramsdell Construction Academy
Construction Craft Laborer

DEAF STUDIES

Interpreting

MACHINE TOOL TECHNOLOGY

National Institute for Metalworking Skills

TEACHER EDUCATION

Nevada State College Partnership
Bachelor Degree State Licensure
Preparation
Praxis Exam Preparation

WELDING

American Welding Society



Online Degrees COLLEGE ON YOUR TIME & SCHEDULE

WNC offers a number of online degrees and programs for individuals seeking to advance their education while maintaining their personal commitments to work and/or family.

Online courses offer students the opportunity to learn at times of the day when it is convenient for them. Attending college online requires students to be self-motivated and able to manage their time for the rigor of self-guided learning.

Prepare for Transfer to a University

Associate of Arts
Associate of Science*
Associate of Business

Associate of Applied Science Degrees

Accounting
General Business
Criminal Justice
Graphic Design
Management

Certificates of Achievement

Business
Bookkeeping
Criminal Justice
Graphic Design
Network Support Technician

**Many other programs have online courses available.
Students should work closely with a counselor to help build their online degree path.**

**The AS degree requires students to complete a science lab course on campus.*

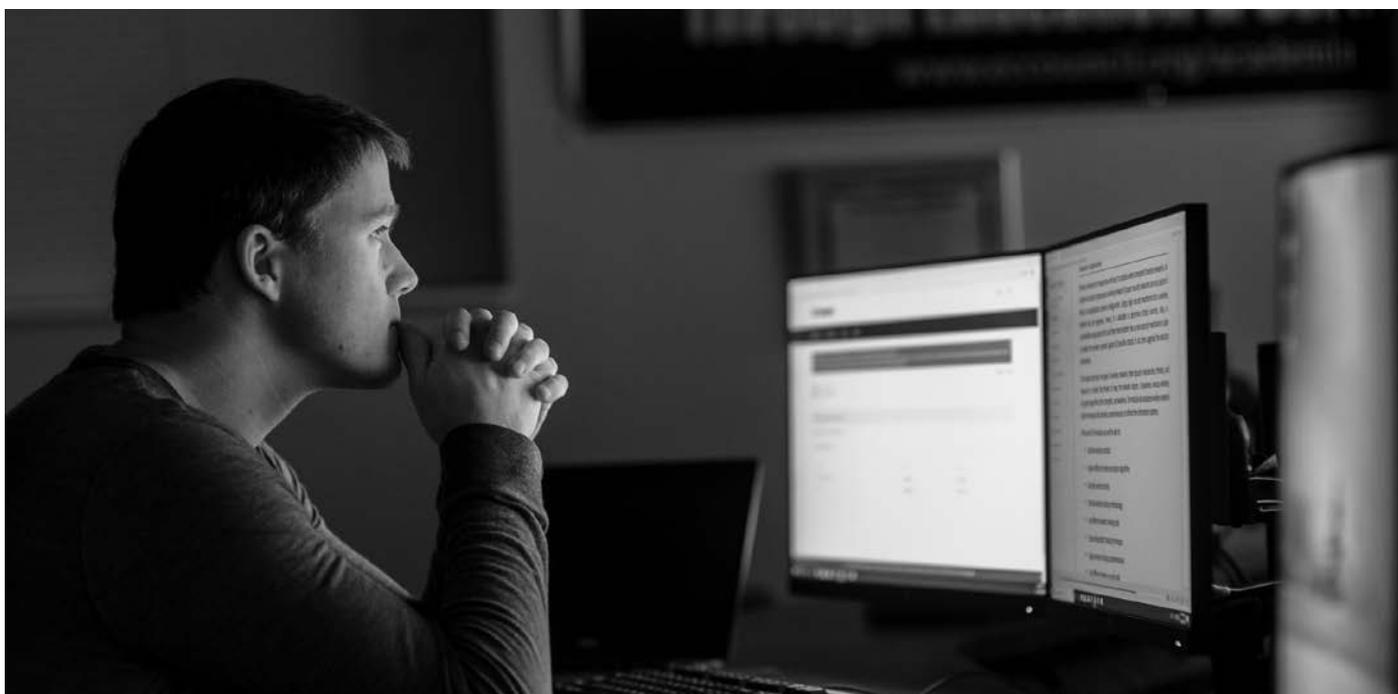
Online New Student Orientation

New student orientation helps students make a successful transition to the college environment and introduces students to campus resources and services. All first-time degree and certificate-seeking students should attend orientation.

Canvas

WNC uses a platform called Canvas for access to both online and flex courses. Online Orientation and FAQs for using Canvas can be found online at www.wnc.edu/wnc-online/

WWW.WNC.EDU/ONLINE-PROGRAMS/



Advanced Manufacturing

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

Advanced Manufacturing applies technology and innovation to improve products and how they are made. The Advanced Manufacturing programs of study focus on building a solid base of fundamental knowledge and skill to prepare for careers in modern manufacturing, distribution and logistics environments.

Class and lab work explores the manufacturing environment, culture, processes and values through electrical, mechanical, and fluid power topics and tools. Knowledge and skill courses include technology-rich computer-based studies and hands-on lab experiences with industrial components and allow students to move forward through advanced studies including automation, mechatronics and robotics.

MISSION: The purpose of the Associate of Applied Science degree in Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Advanced Manufacturing are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)



AUTOMATED SYSTEMS - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	AIT 121	1 <input type="checkbox"/>
AIT 155	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>
English Course: BUS 107	3 <input type="checkbox"/>	Program Electives	7-9 <input type="checkbox"/>
ET 131	4 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ET 132	4 <input type="checkbox"/>	ET 104	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>	MT 115	3 <input type="checkbox"/>
Humanities/Social Science	3 <input type="checkbox"/>	Program Electives	5-7 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
MATH 110	3 <input type="checkbox"/>		

AUTOMATED SYSTEMS

Associate of Applied Science - Technology Degree

This degree further develops knowledge and skills for the automated environment where the integration of computers and electronic technologies control industrial systems and machines in manufacturing, distribution and logistics environments. The MT1 credential is earned as part of this degree and courses include SolidWorks for 3-D modeling and Alternative Energy, in addition to electronics used in manufacturing, integrated computer tools, wiring and PLC electrical controls. This degree provides students with technical theory and hands-on practice to install, operate and maintain automated systems for a variety of industries.

Salary: \$39,350-\$62,190/year (Nevada)

Career Outlook: Average growth

Good To Know: Offers broad career opportunities and room for advancement in automated environments of manufacturing, logistics and distribution.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 121	Electrical Control Systems	1
AIT 155	Applied Hands-on AIT Labs	3
ET 104	Fabrication/Soldering Techniques	3
ET 131	DC for Electronics	4
ET 132	AC for Electronics	4
MT 115	Applied Programmable Logic Controllers	3

Choose at least 14 units from the following program electives:

CADD 100	Introduction to Computer Aided Drafting	3
CADD 245	Solid Modeling and Parametric Design (SolidWorks)	3
CIT 161	Essentials of Information Security	3
DFT 110	Blueprint Reading for Industry	3
Any AIT, ELM, ET or MT course		Units Vary

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: Recommended: BUS 107		
<i>Must include a writing course</i>		6
Human Relations: Recommended; BUS 110		3
Humanities/Social Science Requirements		3
Mathematics Requirement		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

GENERAL INDUSTRIAL TECHNOLOGY

Associate of Applied Science

This degree develops fundamental skills and knowledge in electrical and mechanical systems, and basic fabrication. Students will be prepared for careers in a variety of industries and facilities with a focus on installation, operation, and maintenance of industrial systems using tools and equipment. A broad base of study including hands-on practice and theoretical knowledge prepares students for technical positions in manufacturing, logistics, distribution and related fields.

Salary: \$31,700-\$47,800/year (Nevada)
Career Outlook: Above average growth
Good To Know: Leads to employment as a maintenance or industrial technician

TOTAL REQUIREMENTS **60 UNITS**

PROGRAM REQUIREMENTS **36 UNITS**

AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 155	Applied Hands-on AIT Labs	3
DFT 110	Blueprint Reading for Industry	3
Any MTT courses		5
Any WELD courses		5

Choose at least 16 units from the following:

AIT, CADD, ELM, ET, ENRG, IT, MTT, MT, WELD

GENERAL EDUCATION REQUIREMENTS **24 UNITS**

English/Communications Requirement: Recommended: BUS 107 <i>Must include a writing course</i>	6
Human Relations: Recommended: BUS 110	3
Humanities/Social Science Requirements	3
Mathematics Requirement: Recommended: MATH 110	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective	3

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

GENERAL INDUSTRIAL - Suggested Course Sequence

Note: The suggested course sequence is based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	Human Relations: BUS 110	3 <input type="checkbox"/>
AIT 155	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
English Course: BUS 107	3 <input type="checkbox"/>	Program Electives	5 <input type="checkbox"/>
Math Course: BUS 110	3 <input type="checkbox"/>	WELD 211	3 <input type="checkbox"/>
MTT 105	3 <input type="checkbox"/>	FOURTH SEMESTER	Completed
SECOND SEMESTER	Completed	General Elective	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	Program Electives	6 <input type="checkbox"/>
MTT 110	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>	WELD 221	2 <input type="checkbox"/>
Science Elective	3 <input type="checkbox"/>		

MECHATRONICS TECHNOLOGY

Associate of Applied Science - Technology Degree

Mechatronics is the high-tech field combining electrical, mechanical, fluid power, and control systems in industrial environments. This technical degree program ensures hands-on experience and operational knowledge as aligned with the rigorous Siemens Mechatronics industry certification exam objectives. Class and lab experiences include developing a troubleshooting mindset through the systems approach to automated systems, such as problem-solving, research, safety, documentation and effective teamwork. The Mechatronics degree specialization builds on field experience and/or the Manufacturing Technician Level 1 (MT1) certification and will prepare students for Level 1 and Level 2 Siemens Mechatronic Systems Certification exams.

Salary: \$36,600-\$93,800/year (Nevada)
Career Outlook: Above average growth
Good To Know: Leads to employment as: Manufacturing Technician, Engineering Technician, Industrial Technician, Industrial Maintenance, Robotics Technician, Systems Technician, Production Lead.

TOTAL REQUIREMENTS **60 UNITS**

PROGRAM REQUIREMENTS **34 UNITS**

AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 250	Mechatronics: Electrical Components	3
AIT 251	Mechatronics: Mechanical Components	3
AIT 252	Mechatronics: Pneumatic and Hydraulic	3
AIT 253	Mechatronics: Programmable Logic Controllers	3
AIT 270	Mechatronics 2: Process Control Technologies	3
AIT 271	Mechatronics 2: Intro to Totally Integrated Automation	3
AIT 272	Mechatronics 2: Automation Systems	3
AIT 273	Mechatronics 2: Motor Control	3
AIT 274	Mechatronics 2: Mechanics and Machine Elements	3
AIT 275	Mechatronics 2: Manufacturing Processes	3

PROGRAM ELECTIVES:

(Choose at least 2 units from the following program electives)

Any AIT, CADD, ET, ELM, ENRG, or MT course	2
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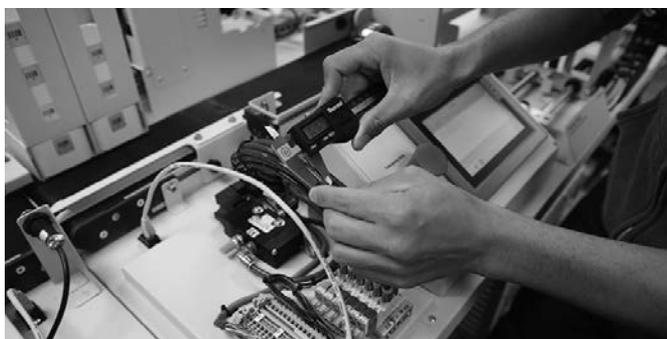
GENERAL EDUCATION REQUIREMENTS **24 UNITS**

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108 (writing course), ENG 100, 101, 102, 107 or other 200 level English courses</i>	6
Human Relations Requirement <i>Recommended: BUS 110</i>	3
Humanities/Social Science Requirement	3
Mathematics Requirement <i>Recommended: MATH 110</i>	3
Science Requirement:	3
U.S. and Nevada Constitution	3
General Elective	3

NOTE: Many courses are open-entry, open-exit.

MECHATRONICS - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	AIT 270	3 <input type="checkbox"/>
AIT 250	3 <input type="checkbox"/>	AIT 271	3 <input type="checkbox"/>
AIT 251	3 <input type="checkbox"/>	AIT 272	3 <input type="checkbox"/>
AIT 252	3 <input type="checkbox"/>	Human Relations Course	3 <input type="checkbox"/>
AIT 253	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
English Course		AIT 273	3 <input type="checkbox"/>
(BUS 107 or ENG 107 Rec.)	6 <input type="checkbox"/>	AIT 274	3 <input type="checkbox"/>
Math Course	3 <input type="checkbox"/>	AIT 275	3 <input type="checkbox"/>
Program Elective	2 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	US/Nev. Constitution	3 <input type="checkbox"/>



GENERAL INDUSTRIAL TECHNOLOGY

Certificate of Achievement

Designed to develop skills and knowledge that can be applied in a variety of industries and facilities with a focus on installation, maintenance and management of technical, electrical and mechanical systems. Hands-on practice and theoretical knowledge will prepare individuals for a variety of entry-level electrical/mechanical technician positions or technical support positions in the industrial, manufacturing, technology or commercial environments. Students will be prepared to earn their Manufacturing Technical Level 1 certification, endorsed by the National Association of Manufacturers.

TOTAL REQUIREMENTS **30 UNITS**

SUBJECT REQUIREMENTS **18 UNITS**

AIT 101	Fundamentals of Applied Industrial Technology	4
Any MTT courses		5
Any WELD courses		5

Choose at least 4 units from the following:

AIT, ELM, ET, ENRG, IT, MTT, MT, WELD	4
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GENERAL EDUCATION REQUIREMENTS **12 UNITS**

English/Communications Requirement:	
Recommended: BUS 107, and BUS 108, ENG 101 or ENG 107	
<i>Must include a writing course</i>	6
Human Relations Requirement: Recommended: BUS 110	3
Mathematics Requirement: Recommended: MATH 110	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

GENERAL INDUSTRIAL TECHNOLOGY - Suggested Course Sequence

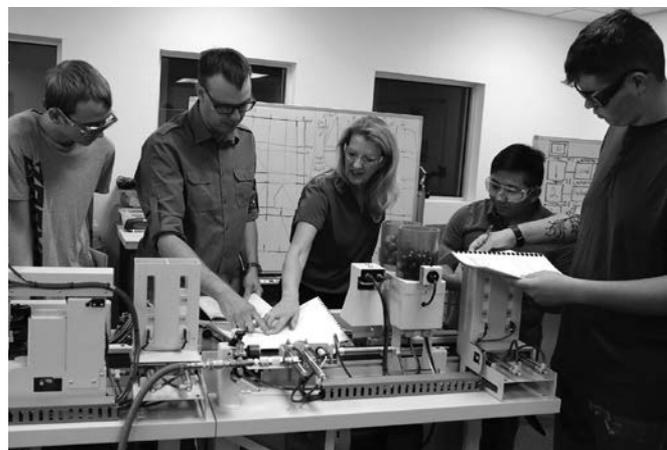
FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	Machine Tool Course	4 <input type="checkbox"/>
MTT 115	3 <input type="checkbox"/>	Welding Course	3 <input type="checkbox"/>
Welding Course	2 <input type="checkbox"/>	Program Elective	2 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	Mathematics Course	3 <input type="checkbox"/>

Endorsed by

NATIONAL ASSOCIATION OF MANUFACTURERS

for entry-level workers and experienced technicians alike.

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.



INDUSTRIAL ELECTRONICS TECHNOLOGY

Certificate of Achievement

Designed to provide fundamental knowledge of and experience with industrial electronic components and systems to learn job skills applicable in a variety of technical environments including automated systems. Students will learn about and use equipment, tools and processes that involve electrical and electronic equipment to prepare for International Society of Certified Electronics Technicians (ISCET) certification as a Certified Electronics Technician associate and be prepared to work as a technician in assembly or troubleshooting positions.

TOTAL REQUIREMENTS **30 UNITS**

SUBJECT REQUIREMENTS **18 UNITS**

AIT 101	Fundamentals of Applied Industrial Technology	4
ET 104	Fabrication/Soldering	3
ET 131	DC for Electronics	4
MT 115	Programmable Logic Controllers	3

Choose at least 4 units from the following:

AIT 121	Electrical Control Systems	2
AIT 155	Applied Industrial Technology Hands-on Labs	1-4
AIT 198	Special Topics in Electronics	1-4
AIT 200	Electronics Projects	1-4
ET 132	AC for Electronics	4
ET 198	Special Topics in Electronics	1-4
ET 200	Electronics Projects	1-4

GENERAL EDUCATION REQUIREMENTS **12 UNITS**

English/Communications Requirement:	
Recommended: BUS 107, and BUS 108, ENG 101 or ENG 107	
<i>Must include a writing course</i>	6
Human Relations Requirement: Recommended: BUS 110	3
Mathematics Requirement: Recommended: MATH 110	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

INDUSTRIAL ELECTRONICS TECHNOLOGY - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	ET 104	4 <input type="checkbox"/>
ET 131	3 <input type="checkbox"/>	MT 115	3 <input type="checkbox"/>
Program Elective	2 <input type="checkbox"/>	Program Elective	2 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	Mathematics Course	3 <input type="checkbox"/>

MECHATRONICS TECHNOLOGY

Certificate of Achievement

Mechatronics is the high-tech field combining electrical, mechanical, fluid power, and control systems in industrial environments. This certificate program ensures hands-on experience and operational knowledge as aligned with the rigorous Siemens Mechatronics industry certification exam objectives in addition to expanded technical studies. Class and lab experiences include developing a troubleshooting mindset through the systems approach to automated systems, such as problem-solving, research, safety, documentation and effective teamwork. The Mechatronics certificate builds on field experience and/or the Manufacturing Technician Level 1 (MT1) certification for a well-rounded college certificate of achievement.

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 18 UNITS

AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 102	Measurement Tools and Methods	2
AIT 250	Mechatronics: Electrical Components	3
AIT 251	Mechatronics: Mechanical Components	3
AIT 252	Mechatronics: Pneumatic and Hydraulic	3
AIT 253	Mechatronics: Programmable Logic Controllers	3

GENERAL EDUCATION REQUIREMENTS 12 UNITS

English/Communications Requirement:		
Recommended: BUS 107 Business Speech and		
ENG 107 Technical Writing or ENG 101 Composition I		6
<i>Must include a writing course</i>		
Human Relations Requirement:		3
<i>Recommended: BUS 110 Human Relations for Employment</i>		
Mathematics Requirement:		3
<i>Recommended: MATH 110 Shop Mathematics</i>		

MECHATRONICS TECHNOLOGY - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AIT 101	4 <input type="checkbox"/>	AIT 250	4 <input type="checkbox"/>
AIT 102	3 <input type="checkbox"/>	AIT 251	3 <input type="checkbox"/>
English Course	2 <input type="checkbox"/>	AIT 252	2 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	AIT 253	3 <input type="checkbox"/>
Mathematics	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>

INDUSTRIAL ELECTRONICS TECHNOLOGY

Certification Preparation

This course of study prepares students for the Certified Electronics Technician Associate Exam, which is administered by the International Society of Certified Electronics Technicians (ISCET). Upon completion of the coursework, student will have learned basic electronics, math, DC and AC circuits, transistors and troubleshooting.

		UNITS
ET 131	DC for Electronics	4
ET 132	AC for Electronics	4
AIT 101	Fundamentals of Applied Industrial Technology	4



MANUFACTURING TECHNICIAN

Certification Preparation

The Manufacturing Technician program is the entry point for Advanced Manufacturing studies as it prepares students to earn the Manufacturing Technology Level 1 (MT1) credential. The MT1 documents that an individual is prepared for above entry-level industrial technology positions with fundamental knowledge and skills in the topics of electrical and mechanical systems, and general manufacturing concepts and technologies. Students will prepare for the certification exams through foundational class and lab work that is technology-driven and hands-on and gain experience beyond that of a typical machine operator. The nationally recognized MT1 certification is embedded into this 3-course series and is issued by the Manufacturing Skills Institute as well as endorsed by the National Association of Manufacturers.

		UNITS
AIT 101	Fundamentals of Applied Industrial Technology	4
AIT 155	Applied Industrial Technology Hands-on Labs	3
AIT 200	Applied Industrial Technology Projects	3

MECHATRONICS FOUNDATION (LEVEL I)

Certification Preparation

Mechatronics is the study of electrical, mechanical, fluid power and control components that make up automated systems in the high-tech industrial environments of manufacturing, logistics and distribution. This advanced program of study builds on the Manufacturing Technician credential or field experience to prepare students to earn the Siemens Certified Mechatronic Systems Assistant Level 1 certification. This internationally recognized credential documents demonstrated skills with the systems approach to operating and evaluating systems through research, analysis and documentation. Instructor permission is required.

		UNITS
AIT 250	Mechatronics: Electrical Components	3
AIT 251	Mechatronics: Mechanical Components	3
AIT 252	Mechatronics: Pneumatic and Hydraulic	3
AIT 253	Mechatronics: Programmable Logic Controllers	3

MECHATRONICS LEVEL 2

Building upon the Mechatronics Level 1 certificate, Mechatronics Level 2 represents continued development of the knowledge and skills technicians need to work with electrical, mechanical, fluid power and PLC components. Level 2 coursework incorporates programming of modules, implementing and modifying processes and tools, and troubleshooting complex issues in mechatronic systems. WNC holds the distinction of being a Siemens Industrial Training (SITRAIN) partner school, and the series of six level-two classes prepares students for the rigorous Mechatronic Systems Associate exam that validates knowledge and skill through this internationally recognized credential.

		18 UNITS
AIT 270	Process Control Technologies	3
AIT 271	Intro Totally Integrated Automation	3
AIT 272	Automation Systems	3
AIT 273	Motor Control	3
AIT 274	Mechanics and Machine Elements	3
AIT 275	Manufacturing Processes	3

Automotive Technology

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This program offers students an opportunity to acquire the necessary skills and technical theory for a successful career as an automotive mechanic. Individuals who are now employed in the automotive mechanics field will be able to upgrade their knowledge. Students obtaining this associate degree will have completed courses of a very technical nature, chosen to complement each other and provide breadth and depth of diagnostic and repair skill abilities necessary to work in a service facility.

MISSION: The mission of the Associate of Applied Science in Automotive Mechanics is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Automotive Mechanics are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

AUTOMOTIVE - Suggested Course Sequence

*Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.*

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AUTO 101	3 <input type="checkbox"/>	AUTO 155	4 <input type="checkbox"/>
AUTO 115	4 <input type="checkbox"/>	AUTO 160	3 <input type="checkbox"/>
AUTO 130	3 <input type="checkbox"/>	AUTO 227	4 <input type="checkbox"/>
BUS 107	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	FOURTH SEMESTER	Completed
SECOND SEMESTER	Completed	AUTO 210	3 <input type="checkbox"/>
AUTO 117	4 <input type="checkbox"/>	BUS 108	3 <input type="checkbox"/>
AUTO 145	4 <input type="checkbox"/>	BUS 110	3 <input type="checkbox"/>
AUTO 225	4 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Humanities/Social Science Course	3 <input type="checkbox"/>	Human Relations Course	3 <input type="checkbox"/>
		U.S./Nevada Constitutions	3 <input type="checkbox"/>

AUTOMOTIVE MECHANICS

Associate of Applied Science - Technology Degree

Salary: \$25,800-\$68,900/year (Nevada)

Career Outlook: Average growth

Good To Know: Mechanics can be certified in as many as eight service areas. Most jobs are at repair shops and auto dealerships.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4
AUTO 130	Engine Reconditioning	3
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 160	Auto Air Conditioning	3
AUTO 210	Automatic Transmissions and Transaxles I	3
AUTO 225	Engine Performance I/Fuel & Ignition	4
AUTO 227	Engine Performance II/Emission Control	4

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: <i>Recommended: BUS 107 & 108; Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended: BUS 110</i>	3
Humanities/Social Science Requirements	3
Mathematics Requirement: <i>Recommended: MATH 110</i>	3
Science Requirement	6
U.S. and Nevada Constitution Requirement	3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.



AUTOMOTIVE MECHANICS

Certificate of Achievement

Offers students an opportunity to acquire the necessary skills and technical theory for a successful career as an automotive mechanic. Individuals already employed in the automotive mechanics field will be able to upgrade their knowledge.

TOTAL REQUIREMENTS 31 UNITS

PROGRAM REQUIREMENTS 19 UNITS

AUTO 101	Introduction to General Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 145	Automotive Brakes	4
AUTO 155	Steering & Suspension	4
AUTO 225	Engine Performance I/Fuel & Ignition	4

GENERAL EDUCATION REQUIREMENTS 12 UNITS

English/Communications Requirements:	<i>Must include a writing course</i>	6
Human Relations Requirement:	<i>Recommended: BUS 110</i>	1
Mathematics Requirement		3
General Electives		2

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

AUTOMOTIVE MECHANICS - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AUTO 101	3 <input type="checkbox"/>	AUTO 155	4 <input type="checkbox"/>
AUTO 115	4 <input type="checkbox"/>	AUTO 225	4 <input type="checkbox"/>
AUTO 145	4 <input type="checkbox"/>	Mathematics Course	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>
Human Relations Course	1 <input type="checkbox"/>	General Elective Course	2 <input type="checkbox"/>

AUTOMOTIVE COLLISION REPAIR

Certification Preparation

Prepares students for Automotive Service Excellence and I-Car Exams.

	UNITS	
AUTB 120	Automotive Collision I	3
AUTB 125	Automotive Collision II	3
AUTB 200	Automotive Refinishing I	3
AUTB 205	Automotive Refinishing II	3

AUTOMOTIVE SERVICE EXCELLENCE

Certification Preparation

Prepares students for the National Automotive Service Excellence Exams.

AUTOMOTIVE TRANSMISSION/TRANSAXLE	10 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 210	Automatic Transmission and Transaxle	3

AUTOMOTIVE ENGINE REPAIR	10 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 130	Engine Reconditioning	3

AUTOMOTIVE HEATING AND AIR CONDITIONING	10 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 160	Automotive Air Conditioning	3

AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR	11 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 227	Engine Performance II and Emission Control	4

AUTOMOTIVE MANUAL TRANSMISSION AND TRANSAXLE	10 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Automotive Electricity & Electronics I	4
AUTO 227	Transmission and Transaxle	3

BRAKES TECHNICIAN	11 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 145	Automotive Brakes	4

ELECTRICAL TECHNICIAN	11 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 117	Advanced Auto Electronics	4

STEERING AND SUSPENSION TECHNICIAN	11 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 155	Steering & Suspension	4

ENGINE PERFORMANCE TECHNICIAN	11 UNITS	
AUTO 101	Introduction to Auto Mechanics	3
AUTO 115	Auto Electricity & Electronics I	4
AUTO 225	Engine Performance I/Fuel & Ignition	4

AUTOMOTIVE TECHNOLOGY NATIONAL CERTIFICATION

Following an extensive examination of its courses, instructors and facilities, Western has earned a certification from the National Automotive Technicians Education Foundation (NATEF).

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.

Business / Accounting / Management

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

Prepare for career entry or advancement in accounting, business, management and marketing. Students develop knowledge, skills and abilities to succeed in today's dynamic business environment. WNC offers Associate of Applied Science degrees for direct entry into the business world or an Associate of Business degree that transfers to four-year institutions.

MISSION: The purpose of the AAS Business degree is to provide the knowledge and skills necessary to be a successful manager.

STUDENT LEARNING OUTCOMES: Students will be able to:

- Articulate and demonstrate their personal employment related knowledge, skills and abilities.
- Evaluate the impact of various economic systems and policies.
- Summarize, record, analyze, interpret and communicate accounting and financial information for decision-making.
- Devise, implement and evaluate managerial decisions, actions and outcomes.
- Apply technology to aid in communications and decision-making.
- Present research, data, analysis and conclusions through written and oral means.
- Describe the changing landscape of the global market and its impact on the United States.
- Summarize the impact of social, ethical, legal and diversity issues within contemporary business.
- Develop business, financial and marketing plans for established and emerging businesses.

ACCOUNTING - ON CAMPUS Suggested Course Sequence		ACCOUNTING - ONLINE Suggested Course Sequence	
FIRST SEMESTER	Completed	FIRST SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	BUS 107 or ENG 101	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 101	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 102	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	IS 101 or IS 201	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	ACC 202	3 <input type="checkbox"/>
MATH: BUS 109 or MATH 120 or higher	3 <input type="checkbox"/>	MATH: BUS 109 or MATH 120 or higher	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 108 or ENG 102	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	ECON 103	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
THIRD SEMESTER	Completed	THIRD SEMESTER	Completed
ACC 203	3 <input type="checkbox"/>	ACC 203	3 <input type="checkbox"/>
BUS 273	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>
Accounting Elective	3 <input type="checkbox"/>	Accounting Elective	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed	FOURTH SEMESTER	Completed
ACC 220 or ACC 223	3 <input type="checkbox"/>	ACC 220 or ACC 223	3 <input type="checkbox"/>
BUS 299	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
Accounting Elective	6 <input type="checkbox"/>	Accounting Elective	6 <input type="checkbox"/>
MKT 210	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>

Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

ACCOUNTING

Associate of Applied Science - Business Degree

Salary: \$25,800-\$39,200/year (Nevada)

Career Outlook: Above average growth; demand is increasing as regulations for bookkeepers standards and auditing become stricter.

Good To Know: Tax preparation growth is on the decline as tax software becomes more widely used.

TOTAL REQUIREMENTS 60 UNITS

CORE BUSINESS REQUIREMENTS 30 UNITS

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3
MKT210	Marketing Principles	3

ACCOUNTING DEGREE REQUIREMENTS 6 UNITS

ACC 203	Intermediate Accounting	3
ACC 220	Microcomputer Accounting Systems	3
or ACC 223	Introduction to QuickBooks	

ACCOUNTING ELECTIVES 9 UNITS

Choose 9 units from the following:

ACC 105	Taxation For Individuals	3
ACC 180	Payroll & Employee Benefit Accounting	3
ACC 204	Intermediate Accounting II	3
ACC 220	Microcomputer Accounting Systems	3
ACC 223	Introduction to QuickBooks	3
ACC 261	Governmental Accounting	3
ACC 290	Certified Bookkeeper Course	6
ACC 295	Work Experience I	3
COT 262	Intermediate Spreadsheets Concepts	3
ECON 261*	Principles of Statistics I	3
ECON 262*	Principles of Statistics II	3

GENERAL EDUCATION REQUIREMENTS 15 UNITS

English/Communications Requirement: Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course		6
Mathematics Requirement		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3

* Recommended for students who plan to transfer and enroll in a bachelor's degree program.

A list of all courses filling general education requirements for the Associate of Applied Science can be found on the Associate of Applied Science page.

GENERAL BUSINESS

Associate of Applied Science Degree

Salary: \$35,800-\$60,300/year (Nevada)

Career Outlook: Average growth, strong competition

Good To Know: Often includes hiring, training and supervising employees, although the increased use of computers may require managers to handle professional tasks with fewer employees.

TOTAL REQUIREMENTS 60 UNITS

CORE BUSINESS REQUIREMENTS 24 UNITS

BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	3
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

ACCOUNTING REQUIREMENTS 6 UNITS

ACC 135	Bookkeeping I	3
& ACC 201	Financial Accounting	3
or ACC 201*	Financial Accounting	
& ACC 202*	Managerial Accounting	

BUSINESS ELECTIVES - IN THREE DIFFERENT AREAS 15 UNITS

Any Accounting, Business, Economics, Entrepreneurship, Finance, Management, Marketing or Real Estate Courses

GENERAL EDUCATION REQUIREMENTS 15 UNITS

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; must include a writing course</i>	6
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

*Recommended for students who plan to transfer and enroll in a bachelor's degree program.

BUSINESS - ON CAMPUS Suggested Course Sequence		BUSINESS - ONLINE Suggested Course Sequence	
FIRST SEMESTER	Completed	FIRST SEMESTER	Completed
ACC 135 or ACC 201	3 <input type="checkbox"/>	ACC 135 or ACC 201	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 101	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	BUS 108 or ENG 101	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	IS 101 or IS 201	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 102	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 201 or ACC 202	3 <input type="checkbox"/>	ACC 201 or ACC 202	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 107 or ENG 102	3 <input type="checkbox"/>
BUS 109 or MATH 120	3 <input type="checkbox"/>	BUS 109 or MATH 120	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	ECON 103	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
THIRD SEMESTER	Completed	THIRD SEMESTER	Completed
BUS 273	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Business Elective	6 <input type="checkbox"/>	Business Elective	6 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed	FOURTH SEMESTER	Completed
Business Elective	9 <input type="checkbox"/>	Business Elective	9 <input type="checkbox"/>
BUS 299	3 <input type="checkbox"/>	BUS 273	3 <input type="checkbox"/>
MKT 210	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>

Note: Sequences are based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

MANAGEMENT

Associate of Applied Science - Business Degree

Salary: \$29,800-\$52,000/year (Nevada)

Career Outlook: Average growth

Good To Know: Managers work in almost every industry. The increase in computer use may result in supervision of fewer people and the need for managers to independently perform more professional duties.

TOTAL REQUIREMENTS 60 UNITS

CORE BUSINESS REQUIREMENTS 30 UNITS

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 101	Introduction to Business	3
BUS 273	Business Law I	3
BUS 299	Business Capstone	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	3
MGT 201	Principles of Management	3
MKT 210	Marketing Principles	3

MANAGEMENT REQUIREMENTS 6 UNITS

MGT 235	Organizational Behavior	3
MGT 283	Introduction to Human Resources Management	3

MANAGEMENT ELECTIVES 9 UNITS

Any Business, Management or Marketing Courses

GENERAL EDUCATION REQUIREMENTS 15 UNITS

English/Communications Requirement: <i>Recommended: BUS 107, BUS 108; or ENG 101*, ENG 102*; Must include a writing course</i>	6
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

*Recommended for students who plan to transfer and enroll in a bachelor's degree program.

MANAGEMENT - ON CAMPUS Suggested Course Sequence		MANAGEMENT - ONLINE Suggested Course Sequence	
FIRST SEMESTER	Completed	FIRST SEMESTER	Completed
ACC 201	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 101	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	BUS 107 or ENG 101	3 <input type="checkbox"/>
ECON 102	3 <input type="checkbox"/>	ECON 102	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	IS 101 or IS 201	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 202	3 <input type="checkbox"/>	ACC 202	3 <input type="checkbox"/>
BUS 108 or ENG 102	3 <input type="checkbox"/>	BUS 108 or ENG 102	3 <input type="checkbox"/>
MGT 201	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
ECON 103	3 <input type="checkbox"/>	ECON 103	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>
THIRD SEMESTER	Completed	THIRD SEMESTER	Completed
BUS 109 or MATH 120 or higher	3 <input type="checkbox"/>	BUS 109 or MATH 120 or higher	3 <input type="checkbox"/>
MKT 235	3 <input type="checkbox"/>	MKT 235	3 <input type="checkbox"/>
MKT 210	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
Management Elective	6 <input type="checkbox"/>	Management Elective	6 <input type="checkbox"/>
FOURTH SEMESTER	Completed	FOURTH SEMESTER	Completed
BUS 273	9 <input type="checkbox"/>	BUS 273	9 <input type="checkbox"/>
BUS 299	3 <input type="checkbox"/>	BUS 299	3 <input type="checkbox"/>
MGT 283	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Management Elective	3 <input type="checkbox"/>	MGT 283	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>	Management Elective	3 <input type="checkbox"/>

Business / Accounting / Management

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

BUSINESS

Certificate of Achievement

Provides students with knowledge and skills for employment in a wide variety of occupations in the field of business.

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 15 UNITS

ACC 135	Bookkeeping I	3
or ACC 201	Financial Accounting	
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MKT 210	Marketing Principles	3
MGT 201	Principles of Management	3

BUSINESS ELECTIVES 6 UNITS

Any Accounting, Business, Economics, Entrepreneurship, Finance, Management Marketing or Real Estate Courses

GENERAL EDUCATION REQUIREMENTS 9 UNITS

English/Communications Requirements: Recommended: BUS 107 and BUS 108, or ENG 101 and ENG 102, must be a writing course	6
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

BUSINESS - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135 or ACC 201	3 <input type="checkbox"/>	BUS 108 or ENG 102	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 109 or MATH 120	3 <input type="checkbox"/>
BUS 107 or ENG 101	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
Business Elective	3 <input type="checkbox"/>	Business Elective	3 <input type="checkbox"/>

REAL ESTATE

Certificate Preparation

WNC offers courses to prepare students for licensure by the Nevada Real Estate Division.

	UNITS
RE 101 Real Estate Principles	3
RE 103 Real Estate Principles II	3

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.

BOOKKEEPING

Certificate of Achievement

Designed for students who wish to enter the accounting profession as an accounting clerk or as an entry level bookkeeper. It allows students to obtain credit for courses that will also apply toward the Associate of Applied Science in Business-Accounting.

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 21 UNITS

ACC 135	Bookkeeping I	3
ACC 201	Financial Accounting	3
BUS 101	Introduction to Business	3
IS 101	Introduction to Information Systems	3
or IS 201	Computer Applications	
MGT 201	Principles of Management	3

Choose 6 units from the following:

ACC 180	Payroll & Employee Benefit Accounting	3
ACC 202	Managerial Accounting	3
ACC 203	Intermediate Accounting I	3
ACC 220	Microcomputer Accounting Systems	3
ACC 223	Introduction to QuickBooks	3
ACC 290	Certified Bookkeeper Course	6

GENERAL EDUCATION REQUIREMENTS 9 UNITS

English/Communications Requirements: Recommended: BUS 107, BUS 108; Must include a writing course	6
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

BOOKKEEPING - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ACC 135	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
BUS 101	3 <input type="checkbox"/>	BUS 108 or ENG/COMM	3 <input type="checkbox"/>
BUS 107 or ENG/COMM	3 <input type="checkbox"/>	MGT 201	3 <input type="checkbox"/>
BUS 109 or MATH 120	3 <input type="checkbox"/>	Bookkeeping Elective	3 <input type="checkbox"/>
IS 101 or IS 201	3 <input type="checkbox"/>		

BOOKKEEPING

Certificate Preparation

This course of study is for working professionals and students who wish to advance their career in the bookkeeping profession. Upon successful completion, students will be able to sit for a nationally administered exam given by the American Institute of Professional Bookkeepers. Once students pass this exam and obtains two years of bookkeeping experience, they earn the right to call themselves "Certified Bookkeepers." To maintain certification, individuals are required to obtain 60 hours of continuing education over a three-year period.

ACC 290	Certified Bookkeeper Course	UNITS 6
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Computer Information Technology

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This program is designed to prepare students to work in many different information technology systems and networks that drive society and the economy. Students may study a variety of topics including networking, system administration and cybersecurity that are vital to today's collaborative and connected business environments.

MISSION: The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)



COMPUTER INFORMATION TECHNOLOGY

Associate of Applied Science - Technology Degree

Salary: \$41,260-\$58,910/year (Nevada)

Career Outlook: Much faster than average growth

Good To Know: Businesses and organizations are investing heavily in cyber-security and using technology and computers as a solution to problems.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

CIT 114	IT Essentials	4
CIT 128	Introduction to Software Development	4
CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3
INF 100	Introduction to Informatics I-Basic Concepts	3

PROGRAM ELECTIVES

Choose 19 units from the following:

CIT 129	Introduction to Programming	3
CIT 130	Beginning JAVA	3
CIT 133	Beginning C++	3
CIT 173	Linux Installation and Configuration	3
CIT 174	Linux System Administration	3
CIT 180	Database Concept and SQL	3
CIT 211	Microsoft Networking I	4
CIT 212	Microsoft Networking II	4
CIT 213	Microsoft Networking III	4
CIT 214	Microsoft Networking IV	4
CIT 273	Network Defense	3
CIT 274	Ethical Hacker	3
CIT 275	Hacking Forensics Investigation	3
CIT 230	Advanced JAVA	3
CIT 233	Advanced C++	3
CIT 238	Introduction to Smartphone Application Development	3
CSCO 120	CCNA Internetworking Fundamentals Elective	4
CSCO 121	CCNA Routing Protocols	4
CSCO 130	Fundamentals of Wireless LANs	4
CSCO 220	CCNA LAN Switch Wireless	4
CSCO 221	CCNA WAN Fundamentals	4
CSCO 230	Fundamentals of Network Security	4
GRC 183	Design with Photoshop	3
IS 101	Introduction to Information Systems	3
IS 201	Computer Applications	3

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: Recommended: ENG 101 and ENG 107		
<i>Must include a writing course</i>		6
Human Relations Requirement		3
Humanities/Social Science Requirements		3
Mathematics Requirement: Recommended: MATH 126 or higher		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

CYBERSECURITY PATHWAY

Choose from the following Program Electives:

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNS Routing Protocols	4
CIT 212	Microsoft Networking II	3
CIT 173	Linux Installation & Configurations	3
CIT 273	Network Defense	3
CIT 274	Ethical Hacker	3
CIT 275	Hacking Forensics Investigation	3

COMPUTER INFORMATION TECHNOLOGY - CYBERSECURITY Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 273	3 <input type="checkbox"/>
CSCO 120	4 <input type="checkbox"/>	CIT 274	3 <input type="checkbox"/>
CSCO 121	4 <input type="checkbox"/>	INF 100	3 <input type="checkbox"/>
English Requirement	3 <input type="checkbox"/>	CIT 128	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	Science Requirement	3 <input type="checkbox"/>
CIT 217	3 <input type="checkbox"/>	FOURTH SEMESTER	Completed
CIT 173	3 <input type="checkbox"/>	Math Requirement	3 <input type="checkbox"/>
CIT 263	3 <input type="checkbox"/>	CIT 275	3 <input type="checkbox"/>
CIT 211	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
English Requirement	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
		U.S./Nevada Constitution	3 <input type="checkbox"/>

SYSTEM ADMINISTRATION PATHWAY

Choose from the following Program Electives:

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNS Routing Protocols	4
CIT 211	Microsoft Networking	3
CIT 212	Microsoft Networking II	3
CIT 213	Microsoft Networking III	3
CIT 214	Microsoft Networking IV	3
CIT 215	Microsoft Networking V	3
CIT 173	Linux Installation & Configurations	3

COMPUTER INFORMATION TECHNOLOGY - SYSTEM ADMINISTRATION TECHNICIAN Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	CIT 128	3 <input type="checkbox"/>
CSCO 120	4 <input type="checkbox"/>	INF 100	3 <input type="checkbox"/>
CSCO 121	4 <input type="checkbox"/>	CIT 213	3 <input type="checkbox"/>
English Requirement	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	Science Requirement	3 <input type="checkbox"/>
CIT 217	3 <input type="checkbox"/>	FOURTH SEMESTER	Completed
CIT 263	3 <input type="checkbox"/>	CIT 214	3 <input type="checkbox"/>
CIT 211	3 <input type="checkbox"/>	CIT 215 or CIT 173	3 <input type="checkbox"/>
CIT 212	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
English Requirement	3 <input type="checkbox"/>	Math Requirement	3 <input type="checkbox"/>
		U.S./Nevada Constitution	3 <input type="checkbox"/>

NETWORK TECHNICIAN PATHWAY

Choose from the following Program Electives:

CIT 211	Microsoft Networking	3
CIT 212	Microsoft Networking II	3
CIT 173	Linux Installation & Configurations	3
CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNS Routing Protocols	4
CSCO 220	CCNA WNE Switching & Wireless	4
CSCO 221	CCNA WAN Fundamentals	4
CSCO 130	Fundamentals of Wireless LANs	4
CSCO 230	Fundamentals of Network Security	4

COMPUTER INFORMATION TECHNOLOGY - NETWORK TECHNICIAN Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CIT 114	4 <input type="checkbox"/>	INF 100	3 <input type="checkbox"/>
CSCO 120	4 <input type="checkbox"/>	CIT 128	3 <input type="checkbox"/>
CSCO 121	4 <input type="checkbox"/>	Science Requirement	3 <input type="checkbox"/>
English Requirement	3 <input type="checkbox"/>	English Requirement	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	Math Requirement	3 <input type="checkbox"/>
CSCO 220	4 <input type="checkbox"/>	FOURTH SEMESTER	Completed
CSCO 221	4 <input type="checkbox"/>	CSCO 130 or CSCO 230	4 <input type="checkbox"/>
CIT 217	3 <input type="checkbox"/>	CIT 263	3 <input type="checkbox"/>
CIT 173	3 <input type="checkbox"/>	Human Relations	3 <input type="checkbox"/>
CIT 211 or CIT 212	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
		U.S./Nevada Constitution	3 <input type="checkbox"/>



NETWORK SUPPORT TECHNICIAN

Certificate of Achievement

Emphasizes internetworking hardware and prepares students to pass the Cisco Certified Networking Associate (CCNA) exam. Coursework trains students to build and maintain the equipment infrastructure and communication protocol structure necessary to support computer and communications networks.

TOTAL REQUIREMENTS 31 UNITS

PROGRAM REQUIREMENTS 22 UNITS

CIT 217	Security+	3
CIT 263	Introduction to IT Project Management	3
CSCO 120	CCNA Interworking Fundamentals	4
CSCO 121	CCNA Routing Protocols & Concepts	4
CSCO 220	CCNA LAN Switching & Wireless Fundamentals	4
CSCO 221	CCNA WAN Fundamentals	4

GENERAL EDUCATION REQUIREMENTS 9 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	3
Human Relations Requirement	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CYBERSECURITY

Certification Preparation

WNC is an EC-Council Academic Training Partner

WNC offers certification preparation for Certified Network Defender, Certified Ethical Hacker and Computer Hacking Forensics Investigator. EC-Council certifications are recognized and respected worldwide.

		UNITS
CIT 217	Security+	3
CIT 273	Network Defense	3
CIT 274	Ethical Hacker	3
CIT 275	Hacking Forensics Investigation	3



SYSTEM ADMINISTRATION TECHNICIAN

Certificate of Achievement

Emphasizes operating systems software and prepares students to pass Microsoft certification exams. Coursework trains students to support operating systems and peer communications of client-server and peer-to-peer computer networks.

TOTAL REQUIREMENTS 33-35 UNITS

PROGRAM REQUIREMENTS 26 UNITS

CIT 211	Microsoft Networking I	4
CIT 212	Microsoft Networking II	4
CIT 213	Microsoft Networking III	4
CIT 214	Microsoft Networking IV	4
CIT 215	Microsoft Networking V	4
or CIT 165	Introduction to Convergence	
or ET 155	Home Technology Convergence	
CIT 217	Security +	3
CIT 263	Introduction to IT Project Management	3

GENERAL EDUCATION REQUIREMENTS 7-9 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	3
Human Relations Requirement	1-3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

MICROSOFT CERTIFICATION

Microsoft Certified Technology Specialist (MCTS)

		UNITS
CIT 211	Microsoft Certification Technology Specialist (MCTS) Windows Client Exam (currently Windows 7)	4

Microsoft Certified IT Professional – Server Administrator

CIT 212	Microsoft Networking II	3-5
CIT 213	Microsoft Networking III	3-5
CIT 214	Microsoft Networking IV	3-5

CISCO TECHNOLOGY (CSCO)

Certification Preparation

WNC is an academy for the Cisco Networking Academy Program

CCNA ROUTING AND SWITCHING PREPARATION UNITS

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 220	CCNA LAN Switching and Wireless Fundamentals	4
CSCO 221	CCNA WAN Fundamentals	4

CCNA SECURITY PREPARATION

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 230	Fundamentals of Network Security	4

CCNA WIRELESS PREPARATION

CSCO 120	CCNA Internetworking Fundamentals	4
CSCO 121	CCNA Routing Protocols and Concepts	4
CSCO 130	Fundamentals of Wireless LANs	4

Course for Building Scalable Cisco Internetworks Exam; *required course to become a Cisco Certified Network Specialist:*

CSCO 280* CCNP Advanced Routing 4

Course for Implementing Secure Covered Wide Area Networks Exams; *required course to become a Cisco Certified Network Specialist:*

CSCO 281* CCNP Implementing Secure Covered Wide Area Networks 4

Course for Multilayer Switching Exams; *required course to become a Cisco Certified Network Specialist:*

CSCO 282* CCNP Multilayer Switching 4

* Note: WNC does not issue a certificate of completion for this course.

Construction Management

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

WNC's Construction program provides industry-specific training that addresses topics of critical importance to subcontractors, general contractors, superintendents and project managers. Students will study contract administration, coordination, negotiation, quality control and the management of labor resources, equipment and materials.

BACHELOR OF APPLIED SCIENCE

Applied Baccalaureate Degree in Construction Management

This degree allows those who have completed an associate degree in construction technology to progress academically and earn a bachelor's degree.

The Bachelor of Applied Science degree in Construction Management offers associate degree students, new students and skilled workers an educational route toward a career as a construction manager or supervisor. The 120-credit program combines knowledge in construction methods, planning and project management with business and supervisory skills. It also allows those already working in the construction field to enroll in an applicable baccalaureate degree program and expand career advancement possibilities. Students must meet with a counselor and be admitted into the program.

MISSION: The mission of the Bachelor of Applied Science Degree in Construction Management is to prepare students for entry-level and mid-level positions within the various construction industry disciplines, and to meet the goals of the Technology Division.

STUDENT LEARNING OUTCOMES: Upon completing the Bachelor of Applied Science in Construction Management program, students will be able to demonstrate:

- Knowledge in basic economic principles, business principles and construction accounting, finances and law.
- Exposure to the design theory and analysis of construction practices and systems.
- Understanding of the utilization of available resources for construction planning, methods and materials.
- Understanding, skill and knowledge of construction documents, communications, graphics and surveying.
- Skill and knowledge in construction accounting, estimating and bidding practices.
- Ability to plan and schedule construction projects.
- Application of relevant administrative skills, ethics, safety practices and problem-solving techniques to construction management.



BACHELOR OF APPLIED SCIENCE IN CONSTRUCTION MANAGEMENT ADMISSION REQUIREMENTS

1. Complete a minimum of 30 college units or equivalent with a minimum 2.0 GPA. Within the 30 units:
 - A minimum of 12 units must be in applicable construction courses. This requirement may be waived if the student has construction experience.
 - A minimum of 12 units must be in applicable general education classes, including English 101, with a grade of C or better – a grade of C – or lower will not be acceptable.
 OR: Have an associate degree in Construction Management from a regionally accredited institution.
2. Meet with a WNC counselor.
3. Submit application to Admission & Records.

CAPSTONE COURSE

Construction Management: 456

Choose 6 units from:

Communication: 412

Management: 462, 469

9 UNITS

ENGLISH/COMMUNICATIONS REQUIREMENTS

Choose from:

Business: 107

Communication: 101 or 102 or 113 or 213

English: 100 or 101

English: 102

9 UNITS

FINE ARTS REQUIREMENT

Choose from:

Art: 100, 101, 124, 135, 141, 160, 211, 214, 224, 231, 260, 261

Humanities: 101

Music, Ensemble: 101

Music: 111, 121, 124, 125, 131, 134, 135, 176

Theatre: 100, 105, 180

3 UNITS

HUMANITIES REQUIREMENT

Choose from:

Core Humanities: 201, 202

English: 200, 223, 266

History: 105, 106, 207, 208, 209, 247

Philosophy (except for PHIL 102, 114)

3 UNITS

MATHEMATICS AND SCIENCE REQUIREMENTS

Choose from:

a minimum of 4 units in mathematics and 6 units in science:

Mathematics

Mathematics: 126 & 127,

128 or higher

Statistics: 152

Science

Chemistry: 100, 121

Environmental Studies: 100

Geology: 100, 101, 103

Physics: 100, 151, 180

12 UNITS

SOCIAL SCIENCES REQUIREMENT

Anthropology: 101, 201, 202, 210, 212, 215

Core Humanities: 203

Criminal Justice: 101, 102, 220, 230, 270

Geography: 106, 200

History: 101, 102, 111, 217, 295

Political Science: 103, 105, 108, 208,

231, 295, 299

Psychology (except for PSY 210)

Sociology (except for SOC 210)

3 UNITS

U.S. AND NEVADA CONSTITUTION REQUIREMENTS - 3 TO 6 UNITS

Choose from:

Core Humanities: 203

History: 111

History: 101 and one of the following:

HIST 102, HIST 217, PSC 100, PSC 208

Political Science: 101, 103

History & Political Science

Combination (History 101 and

Political Science 208)

GENERAL ELECTIVES

6 UNITS

CONSTRUCTION MANAGEMENT

Bachelor of Applied Science Degree

Salary: \$57,000-\$84,900/year (Nevada)

Career Outlook: Above average growth; changes in building technology and policies are increasing the demand for construction managers.

Good To Know: Construction managers are often self-employed. Those with a bachelor's degree will have the best job prospects.

TOTAL REQUIREMENTS 120 UNITS

BUSINESS AND MANAGEMENT CORE REQUIREMENTS 12 UNITS

BUS 101	Introduction to Business	3
ACC 201	Financial Accounting	3

Choose 3 units from the following Economics courses:

ECON 100	Introduction to Economics	3
ECON 102	Principles of Microeconomics	3
ECON 103	Principles of Macroeconomics	3

Choose 3 units from the following Management courses:

MGT 323	Organizational Behavior & Interpersonal Behavior	3
MGT 367	Human Resource Management	3

PROGRAM REQUIREMENTS 63 UNITS

CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CEM 330	Soils and Foundations for Construction	3
CEM 350	Facility Systems Design and Construction I	3
CEM 432	Temporary Construction Structures	3
CEM 451	Construction Estimating	3
CEM 452	Construction Cost Control	3
CEM 453	Construction Scheduling	3
CEM 454	Heavy Construction Methods and Equipment	3
CEM 455	Construction Management Practice	3
CEM 485	Construction Law and Contracts	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Commercial Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blue Print Reading and Specifications	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling And Control	3
CONS 451	Advanced Internship in Construction	3
SUR 119	Construction Surveying	3

GENERAL EDUCATION REQUIREMENTS 45 UNITS

Capstone Courses (CEM 456 required)	9
English/Communications Requirements	9
Fine Arts Requirement	3
Humanities Requirement	3
Mathematics, Science and Statistics Requirements	12
Social Sciences Requirement	3
U.S. and Nevada Constitution Requirements	3
General Electives	3

Recommended: AC 198, CONS 114, CONS 116, CONS 230 or DFT 100

Construction courses follow the National Center for Construction Education and Research (NCCER) Contren Learning Series curriculum

CONSTRUCTION MANAGEMENT - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	FIFTH SEMESTER	Completed
CEM 100	3 <input type="checkbox"/>	ACC 201	3 <input type="checkbox"/>
CONS 108	4 <input type="checkbox"/>	Bus/Management Courses	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	English/Comm Course	3 <input type="checkbox"/>
MATH 126 or higher	3 <input type="checkbox"/>	Fine Arts Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	SIXTH SEMESTER	Completed
CONS 109	4 <input type="checkbox"/>	CEM 330	3 <input type="checkbox"/>
CONS 118	3 <input type="checkbox"/>	CONS 350	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CEM 432	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>	Bus/Management Course	3 <input type="checkbox"/>
Math Course	3 <input type="checkbox"/>	Social Science Course	3 <input type="checkbox"/>
THIRD SEMESTER	Completed	SEVENTH SEMESTER	Completed
CADD 100	3 <input type="checkbox"/>	CEM 451	3 <input type="checkbox"/>
CONS 111	3 <input type="checkbox"/>	CEM 453	3 <input type="checkbox"/>
CONS 121	2 <input type="checkbox"/>	CEM 454	3 <input type="checkbox"/>
Humanities Course	3 <input type="checkbox"/>	CEM 455	3 <input type="checkbox"/>
General Elective Course	3 <input type="checkbox"/>	Bus/Management Courses	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed	EIGHTH SEMESTER	Completed
CONS 205	2 <input type="checkbox"/>	CEM 452	2 <input type="checkbox"/>
CONS 281	3 <input type="checkbox"/>	CEM 485	3 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 451	3 <input type="checkbox"/>
Economics Course	3 <input type="checkbox"/>	Capstone Course	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>		



CONSTRUCTION

Associate of Applied Science – Technology Degree

Salary: \$24,600-\$46,600/year (Nevada)

Career Outlook: Average growth

Good To Know: Employment depends on economy, and layoffs may occur during times of low construction activity. Changes in building technology and policies may increase the need for construction personnel.

MISSION: The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary to succeed as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

CADD 100	Introduction to Computer Aided Drafting	3
CEM 100	Fundamentals of Construction Management	3
CONS 108	Construction Materials and Methods I	4
CONS 109	Construction Materials and Methods II	4
CONS 111	Building Codes	3
CONS 118	Construction Contract Documents	2
CONS 120	Blueprint Reading and Specification	3
CONS 121	Principles of Construction Estimating	3
CONS 205	Construction Site Safety	2
CONS 281	Construction Planning Scheduling and Control	3
CONS 290	Internship in Construction	3
SUR 119	Construction Surveying	3

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement:		
<i>Recommended: BUS 107, Must include a writing course</i>		6
Human Relations: Recommended: BUS 110		3
Humanities/Social Science Requirement		3
Mathematics Requirement: MATH 126 or higher		3
Science Requirement		3
U.S. and Nevada Constitution Requirement		3
General Elective		3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

WNC offers a Certificate of Achievement Pathway for individuals earning credit through the Building Trades Apprenticeship Program. For information, contact the PAT division.

CONSTRUCTION TECHNOLOGY - Suggested Course Sequence

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
CONS 108	4 <input type="checkbox"/>	CONS 111	3 <input type="checkbox"/>
CEM 100	3 <input type="checkbox"/>	CADD 100	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>	CONS 118	2 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Humanities/Social Science	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
CONS 109	4 <input type="checkbox"/>	CONS 121	3 <input type="checkbox"/>
CONS 120	3 <input type="checkbox"/>	CONS 205	2 <input type="checkbox"/>
SUR 119	3 <input type="checkbox"/>	CONS 281	3 <input type="checkbox"/>
English 102	3 <input type="checkbox"/>	CONS 290	3 <input type="checkbox"/>
Mathematics 126 or higher	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

CERTIFIED INSPECTOR OF STRUCTURES – STATE OF NEVADA

Certification Preparation

These courses fulfill the minimum course requirements needed for licensure as a certified inspector of Structures-Residential.

	UNITS
CONS 260 Certified Inspector of Structures-Residential	3
CONS 261 Under Floor Inspections-Certified Inspector	1
CONS 262 Above Floor Inspections-Certified Inspector	2
CONS 263 Supervised Residential Inspections for Certification	2

RAMSDALL CONSTRUCTION ACADEMY

Certification Preparation

Classes will prepare students for entry-level positions in the construction industry. This certificate of completion is also available to high school seniors through Jump Start CTE.

	UNITS
CEM 100 Fundamentals of Construction Management	3
CONS 108 Construction Methods/Materials I	4
CONS 109 Construction Methods/Materials II	4
CONS 111 Commercial Building Codes	3
CONS 118 Construction Contract Documents	2
CONS 120 Blueprint Reading and Specification	3
CONS 205 Construction Safety	2
CONS 290 Internship in Construction	3

CONSTRUCTION GATEWAY CONSTRUCTION CRAFT LABORER

Certification Preparation

These courses prepare students for the National Center for Construction Education and Research (NCCER) Construction Craft Laborer credential, which certifies that individuals possess basic knowledge needed on any jobsite.

	UNITS
CEM 100 Fundamentals of Construction Management	3
CONS 108 Construction Methods/Materials I	4
CONS 205 Construction Safety	2

Criminal Justice

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This program provides students the opportunity to explore all areas of the criminal justice system, including law enforcement, policing and investigations, corrections, parole and probation, prosecution and courts, juvenile justice, and rehabilitation options within the community. Students will receive valuable access and networking with experienced instructors who have studied and worked extensively in all areas of the criminal justice system. Students interested in pursuing a bachelor degree in criminal justice should choose the Associate of Arts degree and work closely with a counselor when choosing their classes.

MISSION: The purpose of the criminal justice degree is to provide the academic knowledge and skills in the criminal justice field.

STUDENT LEARNING OUTCOMES: Students who complete the Associate of Applied Science degree in Criminal Justice are expected to demonstrate they can:

- Meet the general education requirements of WNC.
- Maintain proper professional attitude for law enforcement.
- Articulate the legal requirements of search and seizure.
- Recognize and evaluate criminal law.
- Process crime scenes.
- Analyze theories for committing crimes.
- Maintain vocabulary necessary for criminal justice.
- Have an acute awareness of cultural diversity.
- Maintain crime scenes.

CRIMINAL JUSTICE

Associate of Applied Science Degree

Salary: \$34,700-\$74,100/year (Nevada)

Career Outlook: Average growth

Good To Know: Emphasis on public safety and security may lead to new openings; jobs will be competitive because of low turnover rate.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

CRJ 101*	Introduction to Criminal Justice I	3
CRJ 102*	Introduction to Criminal Justice II	3
CRJ 106*	Introduction to Corrections	3
CRJ 155	Juvenile Justice System	3
CRJ 164	Principles of Investigation	3
CRJ 211*	Police in America	3
CRJ 222*	Criminal Law and Procedures	3
CRJ 234*	Introduction to Courts/American Legal System	3
CRJ 225	Criminal Evidence	3
CRJ 270	Introduction to Criminology	3

Choose 6 units from the following:

Any CRJ course	1-6	
ART 135	Darkroom Photography I	3
ART 141	Introduction to Digital Photography I	3
BUS 107	Business Speech Communications	3
COM 101	Oral Communications	3
CPD 116	Substance Abuse-Fundamental Facts	3
CPD 117	Introduction to Counseling	3
CPD 129	Assertiveness Techniques I	1
STAT152	Introduction to Statistics	3
SW 230	Crisis Intervention	3
Any IS, COT or CIT course	1-6	
Any Foreign Language	1-6	
Any PSY or SOC	1-6	

*Direct transfer to UNR for CRJ major

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: <i>Recommend ENG 101 and 102</i>	6
Humanities Requirement	3
Mathematics Requirement: <i>Recommended: MATH 120* or higher</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Electives	6

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

CRIMINAL JUSTICE - ON CAMPUS Suggested Course Sequence

FIRST SEMESTER	Completed
CRJ 101	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>
Humanities Requirement	3 <input type="checkbox"/>
Math Requirement	3 <input type="checkbox"/>
SECOND SEMESTER	Completed
CRJ 102	3 <input type="checkbox"/>
CRJ 106	3 <input type="checkbox"/>
CRJ 155	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>
THIRD SEMESTER	Completed
CRJ 164	3 <input type="checkbox"/>
CRJ 211	3 <input type="checkbox"/>
CRJ 222	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed
CRJ 225	3 <input type="checkbox"/>
CRJ 234	3 <input type="checkbox"/>
CRJ 270	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>

CRIMINAL JUSTICE - ONLINE Suggested Course Sequence

FIRST SEMESTER	Completed
CRJ 101	3 <input type="checkbox"/>
ENG 101	3 <input type="checkbox"/>
Math Requirement	3 <input type="checkbox"/>
CRJ 106	3 <input type="checkbox"/>
CRJ 155	3 <input type="checkbox"/>
SECOND SEMESTER	Completed
CRJ 102	3 <input type="checkbox"/>
General Elective	3 <input type="checkbox"/>
Humanities Requirement	3 <input type="checkbox"/>
ENG 102	3 <input type="checkbox"/>
THIRD SEMESTER	Completed
CRJ 225	3 <input type="checkbox"/>
CRJ 234	3 <input type="checkbox"/>
CRJ 270	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>
Science Requirement	3 <input type="checkbox"/>
FOURTH SEMESTER	Completed
CRJ 164	3 <input type="checkbox"/>
CRJ 211	3 <input type="checkbox"/>
CRJ 222	3 <input type="checkbox"/>
Program Elective	3 <input type="checkbox"/>
U.S./Nevada Constitution	3 <input type="checkbox"/>

CRIMINAL JUSTICE

Certificate of Achievement

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 24 UNITS

CRJ 101	Introduction to Criminal Justice I	3
CRJ 102	Introduction to Criminal Justice II	3
CRJ 103	Communication Within the Criminal Justice Field	3
CRJ 164	Principles of Investigation	3
CRJ 106 or	Introduction to Corrections	3
CRJ 211	Police in America	3
CRJ 222	Criminal Law and Procedures	3
CRJ 225	Criminal Evidence	3
CRJ 270	Introduction to Criminology	3

GENERAL EDUCATION REQUIREMENTS 6 UNITS

English/Communications Requirements: <i>Must include writing course</i>	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

CRIMINAL JUSTICE - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
CRJ 101	3 <input type="checkbox"/>	CRJ 102	3 <input type="checkbox"/>
CRJ 103	3 <input type="checkbox"/>	CRJ 106 or CRJ 211	3 <input type="checkbox"/>
CRJ 222	3 <input type="checkbox"/>	CRJ 225	3 <input type="checkbox"/>
CRJ 164	3 <input type="checkbox"/>	CRJ 270	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	Mathematics Course	3 <input type="checkbox"/>

Deaf Studies

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This degree will help students develop knowledge about American Sign Language, cultural impacts related to being deaf or hard of hearing and the state of Nevada statutory regulations that govern interpreting. Students will prepare for a variety of careers including teaching, social work, psychology, speech and language pathology or any career that interacts with the deaf.

MISSION: The mission of the Western Nevada College Deaf Studies AAS Degree Program is to provide a quality education to students, thus developing their comprehensive expressive/receptive skills in American Sign Language, fingerspelling fluency and knowledge of the history and culture of people who are deaf or hard of hearing. Students are provided a strong foundation in which to enter numerous high-demand professional fields that provide services to deaf or hard-of-hearing people.

STUDENT LEARNING OUTCOMES: Upon completing the Deaf Studies Associate of Applied Science degree, students will be able to:

- Produce basic expressive/receptive sign language communicative skills.
- Demonstrate appropriate ASL linguistic and grammatical structure in signing.
- Demonstrate functional language aptitude in American Sign Language including expressive/receptive signing.
- Demonstrate knowledge of linguistic, cultural, educational and social aspects of linguistic aspects in relation to the history of people who are deaf or hard of hearing.
- Demonstrate basic fluency in receptive and expressive pragmatics and production of fingerspelling in ASL.

DEAF STUDIES - Suggested Course Sequence

*Note: Sequence based on enrollment that begins with the fall semester.
Some courses may not be taught each semester.*

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
AM 140*	6 <input type="checkbox"/>	AM 149	4 <input type="checkbox"/>
AM 151	1 <input type="checkbox"/>	AM 216	4 <input type="checkbox"/>
AM 254	3 <input type="checkbox"/>	Math Course	3 <input type="checkbox"/>
English/Comm. Course	3 <input type="checkbox"/>	U.S./Nev. Constitution	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	FOURTH SEMESTER	Completed
SECOND SEMESTER	Completed	AM 150	4 <input type="checkbox"/>
AM 141**	6 <input type="checkbox"/>	AM 215	4 <input type="checkbox"/>
AM 152	1 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
AM 253	3 <input type="checkbox"/>	(Theatre 105 Recommended)	
English/Comm. Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Hum/ Soc. Science Course	3 <input type="checkbox"/>		

Course scheduling will alternate each academic year to accommodate both day and evening schedules. Refer to class listings in myWNC.

DEAF STUDIES

Associate of Applied Science Degree

Salary: \$26,180-\$53,310/year (Nevada)

Career Outlook: Faster than average growth. Demand is expected to increase due in part to laws requiring that services be made available to the deaf.

Good To Know: Many careers require education and certification beyond the AAS degree.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

AM 140*	American Sign Language I/II	6
AM 141**	American Sign Language III/IV	6
AM 149	American Sign Language V	4
AM 150	American Sign Language VI	4
AM 151	Fingerspelling I	1
AM 152	Fingerspelling II	1
AM 215	Conversational ASL	4
AM 216	Receptive ASL	4
AM 253	Deaf Culture	3
AM 254	Deaf History	3

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Humanities/Social Science Requirement	3
Mathematics Requirement	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective (Theatre 105 recommended)	3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

AM 145-148 will not be offered effective Fall 2020.

**Students can take AM 145 and AM 146 in lieu of AM 140 for slower-paced courses.*

***Students can take AM 147 and AM 148 in lieu of AM 141 for slower-paced courses.*



AMERICAN SIGN LANGUAGE

Certificate of Achievement

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 18 UNITS

AM 140*	American Sign Language I/II	6
AM 141**	American Sign Language III/IV	6
AM 151	Fingerspelling I	1
AM 152	Fingerspelling II	1
Any other AM course		4

GENERAL EDUCATION REQUIREMENTS 12 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement	3
Mathematics Requirement	3

DEAF STUDIES - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
AM 140	6 <input type="checkbox"/>	AM 141	6 <input type="checkbox"/>
AM 151	1 <input type="checkbox"/>	AM 152	1 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	English Course	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	AM Elective	4 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>		

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

AM 145-148 will not be offered effective Fall 2020.

*Students can take AM 145 and AM 146 in lieu of AM 140 for slower-paced courses.

**Students can take AM 147 and AM 148 in lieu of AM 141 for slower-paced courses.

DEAF STUDIES – INTERPRETING

Certification Preparation

This course of study prepares students to take the Educational Interpreter Performance Assessment or the National Interpreter Certification Exam.

FIRST SEMESTER

AM 149	American Sign Language V	4
AM 201	Interpreting I	3
AM 215	Conversational American Sign Language	4

SECOND SEMESTER

AM 150	American Sign Language VI	4
AM 202	Interpreting II	3
AM 216	Receptive American Sign Language	4

THIRD SEMESTER

AM 203	Interpreting III	3
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Education

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

Students can prepare for transfer to a four-year institution or earn a certificate in Early Childhood Education. Students interested in a bachelor's degree in education should use education courses as electives in an Associate of Arts or Associate of Science transfer degree.

EARLY CHILDHOOD EDUCATION

Certificate of Achievement

Students will prepare to work in early childhood settings (day care, preschool education and community education programs) and learn human development and cognitive skills associated with early childhood and Pre-K children. Students interested in transferring to a four-year education program should consult with an academic counselor.

TOTAL REQUIREMENTS **30 UNITS**

PROGRAM REQUIREMENTS **21 UNITS**

ECE 121	Parent Care Relations	1
ECE 122	Observation Skills	1
ECE 129	Environment for Infant & Toddler	1
ECE 204	Principles of Child Guidance	3
ECE 231	Preschool Practicum: Early Childhood Lab	3
ECE 250	Introduction to Early Childhood Education	3
ECE 251	Curriculum in Early Childhood Education	3
HDFS 201	Life Span Human Development	3

Choose 1-3 credits from related courses in any of the following subject areas:
Early Childhood Education, Psychology, Human Development & Family Studies 3

GENERAL EDUCATION REQUIREMENTS **9 UNITS**

English/Communications Requirements: <i>Recommended: BUS 108</i>	6
<i>Must include a writing course</i>	
Mathematics Requirement: <i>Recommended: BUS 109</i>	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page. Some courses are not taught each semester. Students should work with a counselor for suggested courses by semester.

TEACHER EDUCATION

WNC offers introductory courses in teacher education that can transfer to universities or colleges that offer a bachelor's degree in education, include the University of Nevada, Reno and/or Nevada State College. These courses offer students a chance to prepare for a career in education. Through a well-established partnership with local schools, field experiences are an integral and early part of all teacher preparation courses. These courses can also be used to gain a substitute license or for paraprofessionals needing to qualify under federal legislation.

Students can transfer to Nevada State College and take classes at WNC locations and online to earn a bachelor's degree and certification in elementary education.

They may also transfer to the University of Nevada, Reno to pursue a bachelor's degree and certification in elementary education, special education/dual or secondary education.

NEVADA STATE COLLEGE PARTNERSHIP

Bachelor of Arts in Elementary or Special Education – Transfer Program

WNC students who have an Associate of Arts degree or are close to completing the first two years of college can complete a four-year degree without leaving the Northern Nevada area. Through a partnership with NSC, students can take classes at WNC locations and online to earn a bachelor's degree and certification in Elementary Education, K-8.

Contact PAT division for more information.



Graphic Design

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This program is designed for students who seek quick access to career fields involving print design, Web design, multimedia and animation. Students prepare for careers in graphic design for print and web, using current technologies. Coursework will provide students with knowledge and skills to create visual concepts and communicate ideas that inspire, inform and captivate consumers. Students interested in earning a bachelor degree in Graphic Design can complete an Associate of Arts degree at WNC and then transfer and earn a bachelor degree from the University of Nevada, Reno or Truckee Meadows Community College (granted through Nevada State College).

MISSION: The Associate of Applied Science degree in Graphic Design will provide employment-related knowledge and skills necessary to succeed in the Graphic Design field. The degree will meet educational criteria for employment and prepare the student for possible transfer to other colleges and universities to meet higher educational and professional goals.

STUDENT LEARNING OUTCOMES: Associate of Applied Science in Graphic Design graduates are expected to:

- Apply technical skills in current design technologies.
- Identify and apply design concepts.
- Develop a portfolio of work demonstrating design skills.
- The combination of student learning outcomes for this program and general education.
- Meet the WNC Institutional Student Learning Outcomes.

GRAPHIC DESIGN

Certificate of Achievement

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 24 UNITS

ART 100 Visual Foundations or ART 101 Drawing 1	3
GRC 116 Introduction to Digital Art and Design	3
GRC 175 Web Design 1	3
GRC 200 Design Thinking and Methodologies	3
GRC 210 Typography 1	3
GRC 220 Graphic Design 1	3
GRC 282 Motion Graphics for Video	3
MKT 210 Marketing Principles	3

GENERAL EDUCATION REQUIREMENTS 6 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

GRAPHIC DESIGN - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
ART 100 or ART 101	3 <input type="checkbox"/>	GRC 200	3 <input type="checkbox"/>
GRC 116	3 <input type="checkbox"/>	GRC 210	3 <input type="checkbox"/>
GRC 175	3 <input type="checkbox"/>	GRC 220	3 <input type="checkbox"/>
GRC 282	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
General Education Course	3 <input type="checkbox"/>	General Education Course	3 <input type="checkbox"/>

GRAPHIC DESIGN

Associate of Applied Science Degree

Salary: \$28,300-\$48,400/year (Nevada)

Career Outlook: Average growth.

Good To Know: Opportunities are highest for graphic designers with knowledge and training in website design and animation.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

ART 100* Visual Foundations	3
ART 101* Drawing 1	3
GRC 116* Introduction to Digital Art and Design	3
GRC 175 Web Design 1 or ART 260* Survey of Art History I	3
GRC 200* Design Thinking and Methodologies	3
GRC 210* Type 1	3
GRC 220* Graphic Design I	3
GRC 282 Motion Graphics for Video	3
GRC 275 Web Design II or ART 261* Survey of Art History II	3
GRC 294 Professional Portfolio	3
MKT 210 Marketing Principles	3
Any other ART class (Recommend ART 141*)	3

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: <i>Recommend ENG 101* and 102*</i>	6
Mathematics Requirement: <i>Recommend Math 120* or higher</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Electives	9

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page.

GRAPHIC DESIGN - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
ART 100*	3 <input type="checkbox"/>	GRC 220*	3 <input type="checkbox"/>
ART 101*	3 <input type="checkbox"/>	GRC 175 or ART 260*	3 <input type="checkbox"/>
GRC 116*	3 <input type="checkbox"/>	GRC 282	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	Science Course	3 <input type="checkbox"/>
Math Course	3 <input type="checkbox"/>	Elective	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
ART Elective	3 <input type="checkbox"/>	GRC 275 or ART 261*	3 <input type="checkbox"/>
GRC 200*	3 <input type="checkbox"/>	GRC 294	3 <input type="checkbox"/>
GRC 210*	3 <input type="checkbox"/>	MKT 210	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	U.S. and Nevada Constitution	3 <input type="checkbox"/>
Elective	3 <input type="checkbox"/>	Elective	3 <input type="checkbox"/>

*Courses transfer to UNR or TMCC. Students should work closely with a counselor when planning their schedules.



College on your time and schedule

EARN THIS
DEGREE ONLINE

Machine Tool Technology

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

MISSION: The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)



MACHINE TOOL TECHNOLOGY

Associate of Applied Science Degree

Salary: \$26,800-\$56,500/year (Nevada)

Career Outlook: Average growth. Jobs available due to difficulty finding skilled workers.

Good To Know: Often work with computer numerical control (CNC) machines.

TOTAL REQUIREMENTS 60 UNITS

PROGRAM REQUIREMENTS 36 UNITS

DFT 110	Blueprint Reading For Industry	3
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 250	Machine Shop III	3
MTT 251	Machine Shop Practice III	2
MTT 260	Machine Shop IV	3

Choose 7 units from the following program electives:

AIT 101	Fundamentals of Applied Industrial Technology	4
MTT 261	Machine Projects	1-6
MTT 262	Machine Shop Practice IV	2
MTT 292	Computer-Aided Manufacturing I	4
MTT 293	Computer-Aided Manufacturing II	4
MTT 295	Work Experience	1-6
Any MTT course		1-6
Related WELD or other technical/trade course		1-6

GENERAL EDUCATION REQUIREMENTS 24 UNITS

English/Communications Requirement: <i>Recommended: BUS 107</i>	6
<i>Must include a writing course</i>	
Human Relations: <i>Recommended: BUS 110</i>	3
Humanities/Social Science Requirements	3
Mathematics Requirement: <i>Recommended: MATH 110</i>	3
Science Requirement	3
U.S. and Nevada Constitution Requirement	3
General Elective	3

A list of all courses filling general education requirements for the Associate of Applied Science degree can be found on the Associate of Applied Science page

MACHINE TOOL TECHNOLOGY - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester.

Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
MTT 105	3 <input type="checkbox"/>	MTT 230	4 <input type="checkbox"/>
MTT 106	2 <input type="checkbox"/>	MTT 250	3 <input type="checkbox"/>
English Course		MTT 251	3 <input type="checkbox"/>
<i>(Bus 107 Recommended)</i>	3 <input type="checkbox"/>	Humanities/Social Science	
Human Relations Course	3 <input type="checkbox"/>	Course	3 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
DFT 110	2 <input type="checkbox"/>	MTT 232	4 <input type="checkbox"/>
MTT 110	3 <input type="checkbox"/>	MTT 260	3 <input type="checkbox"/>
MTT 111	2 <input type="checkbox"/>	General Elective	3 <input type="checkbox"/>
English Course	3 <input type="checkbox"/>	Program Elective	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>

MACHINE TOOL TECHNOLOGY

Certificate of Achievement

Students will prepare for entry into machining occupations. Learn setup and use of industrial equipment and tools utilized by machinist to manufacture parts for all types of machines. Operation of CNC (computer numerical control) lathes and mills and other hand tools preparing students for National Institute for Metalworking Skills (NIMS) exams Levels 1 and 3.

TOTAL REQUIREMENTS	30 UNITS
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PROGRAM REQUIREMENTS	20 UNITS
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DFT 110	Blueprint Reading For Industry	3
or CONS 120	Blueprint Reading and Specification	
MTT 105	Machine Shop I	3
MTT 106	Machine Shop Practice I	2
MTT 110	Machine Shop II	3
MTT 111	Machine Shop Practice II	2
MTT 230	Computer Numerical Control I	4
Related machine shop courses		3

GENERAL EDUCATION REQUIREMENTS	10 UNITS
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English/Communications Requirements: <i>Recommended: BUS 108;</i> <i>Must include a writing course</i>	6
Human Relations Requirement	1
Mathematics Requirement: <i>MATH 110 recommended</i>	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

MACHINE TOOL TECHNOLOGY - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
MTT 105	3 <input type="checkbox"/>	DFT 110/CONS 120	3 <input type="checkbox"/>
MTT 106	2 <input type="checkbox"/>	MTT 110	3 <input type="checkbox"/>
Human Relations Course	1 <input type="checkbox"/>	MTT 111	2 <input type="checkbox"/>
GE English/Comp Course	3 <input type="checkbox"/>	GE English/Comp Course	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	MTT 230	4 <input type="checkbox"/>
MTT Elective	3 <input type="checkbox"/>		

MACHINE TOOL TECHNOLOGY

Certification Preparation

The National Institute for Metalworking Skills (NIMS) offers various levels of certification in machining.

LEVEL 1: CHUCKING, SURFACE GRINDING AND MILLING

MTT 105	Machine Shop I	3
MTT 110	Machine Shop II	3
MTT 250	Machine Shop III	3

LEVEL 3: MEASUREMENT

MTT 230	Computer Numerical Control I	4
MTT 232	Computer Numerical Control II	4
MTT 260	Machine Shop IV	3

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.



Nursing & Allied Health

NURSING & ALLIED HEALTH DIVISION

WNC's Associate Degree Nursing Program is intended for students seeking a career as a registered nurse. The curriculum is sequenced and progresses in complexity. It integrates knowledge from the bio/psycho/social sciences, literacy, mathematics and humanities and is intended to prepare graduates to pass the national licensure examination (NCLEX-RN) and to function as registered nurses in diverse care settings. Upon completion of the Associate Degree Nursing Program, students will be awarded an Associate of Applied Science degree. Graduates are eligible to sit for the NCLEX-RN.

The nursing program is approved by the Nevada State Board of Nursing exam (NSBN) and is accredited by the Accreditation Commission for Education in Nursing, 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326, ph: 404-975-5000. Applicants are advised that eligibility for licensure may be affected by the existence of a criminal record, a history of alcohol or drug abuse, and mental or physical illness that may interfere with the practice of nursing. Applicants are encouraged to directly contact the NSBN at 1-775-687-7700 or 888-590-6726 should there be a concern regarding eligibility for licensure.

A limited number of qualified students are admitted as first semester students utilizing the selection criteria outlined on the next page. The nursing program requires that pre-and co-requisite courses be completed with a grade of "C" or better (a C- or lower grade will not be accepted). Students admitted to the program are required to attend mandatory one-day orientation sessions scheduled for late spring or early summer and prior to the start of classes.

MISSION: The Nursing Program reflects the mission of Western Nevada College by assisting students to develop professional competencies that value nurturing and a respect for differences, use of evidence-based practice, ethical integrity, a spirit of inquiry and introspection. The development of the competencies prepares students to function as safe, entry-level professional nurses and to transfer to higher degree programs.

STUDENT LEARNING OUTCOMES:

- Incorporate principles from the bio/psycho/social sciences, mathematics, literacy and nursing in the provision of patient care.
- Apply the nursing process in a caring manner to safely meet the holistic needs of patients across the life span.
- Utilize a broad range of communication skills to promote understanding.
- Utilize a spirit of inquiry to integrate current evidence-based guidelines and nursing science when making clinical practice decisions.
- Apply concepts of caring, cultural sensitivity and respect for all persons.
- Apply concepts of teaching and learning to empower patients and families to effectively manage health care.
- Incorporate principles of collaboration and teamwork with patients, families and the health care team to achieve patient-centered care.
- Provide and manage care that reflects values of nursing within professional standards and legal parameters of the profession.

NURSING ADMISSION/SELECTION CRITERIA

Admission to the nursing program will be based on special admission procedures and the number of points an applicant receives. Eligible students will be numerically ranked according to total points. In the event of applicants having an equal number of points, lots will be drawn to decide eligibility. Admission will be offered to the applicants on the list with the highest priority points. Applicants not selected will not be carried forward and must reapply for consideration.

SELECTION CRITERIA POINTS

Science GPA (BIOL & CHEM pre and corequisite courses)	2.0-2.25 (1)	2.26-2.50 (2)	2.51-2.75 (3)	2.76-3.00 (4)
	3.01-3.25 (5)	3.26-3.50 (6)	3.51-3.75 (7)	3.76-4.00 (8)
GPA (pre- and corequisite courses)	2.0-2.49 (1)	2.5-2.99 (2)	3.0-3.49 (3)	3.5-4.0 (4)

(A grade of C or better is required for all pre and corequisite courses in the nursing program. A C- or lower will not be accepted.)

Academic Skills Test: 0-4 points will be awarded based on test scores.

Nevada Resident: An applicant who is classified as a Nevada resident for tuition purposes at Western Nevada College at the time of application to the nursing program will be awarded one (1) point in the nursing admissions selection criteria.

Maximum Possible Points: 17



NURSING PROGRAM APPLICATION PROCESS

Students must apply for admission to Western Nevada College AND the WNC nursing program. Applications for the next fall are available on the WNC Nursing & Allied Health Web page on or after Jan. 2. The last date for submission of an application to Admissions and Records is April 1.

PREREQUISITES: Students must complete all prerequisite courses with a grade of "C" or better to apply for the nursing program. (C- or lower will not be accepted.) Students may apply for admission to the nursing program while in the process of completing a prerequisite course(s), provided the course is completed by the end of the applicable spring semester or, if taken at another institution, an official transcript showing completion of the course is provided by June 1 of the year of application. Evidence of courses in progress must be submitted by the application deadline.

COREQUISITES: Students who are accepted into the nursing program must complete all corequisite courses with a grade of "C" or better by the end of the fourth semester of the program. (A grade of C- or lower will not be accepted.) Any corequisite course(s) completed with a "C" or better prior to admission into the nursing program will be calculated into the grade point average under admission selection criteria.

ACADEMIC SKILLS TESTING: Students are required to take the Health Education Systems Incorporated Admission Assessment examination as part of the application process. Visit www.wnc.edu/nalh/admissions/ after September for specific information.

RESIDENCY: An applicant who is classified as a Nevada resident for tuition purposes at WNC at the time of application to the nursing program will be awarded one point in the nursing admissions/selection criteria.

APPLICATION AND SUPPORTING DOCUMENTS: Submit the completed application with supporting documents, which include the academic skills test results and all required college and university transcripts, as appropriate, to Admissions and Records in the time frame delineated on the nursing program application.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

NOTE: Current CNA Certification or completion of NURS 130 required within five years of the date of application to the nursing program.

OTHER IMPORTANT INFORMATION

- Nursing learning activities are scheduled on and off campus on days, evenings and weekends.
- Course organization requires students to have basic computer skills, including the ability to navigate various online learning programs.
- Clinical experiences take place at long-term health care facilities, acute care hospitals, clinics and day care centers.
- A grade of C (75 percent) or better is required in all nursing courses to continue in the nursing program. A grade of C- or lower will not be accepted.
- Students not admitted to the nursing program must reapply to be considered for admission the following year.
- Nursing students are expected to meet the Nursing Student Essential Abilities as discussed on the nursing Web page.
- Documentation and currency of the following is required after acceptance into the nursing program and prior to the start of classes:
 - An acceptable physical examination and required immunizations and tests.
 - CPR certification (card required) through the American Heart Association (Basic Life Support) or the American Red Cross (Healthcare Provider).
 - Major medical health insurance (card required).
 - An acceptable background check.

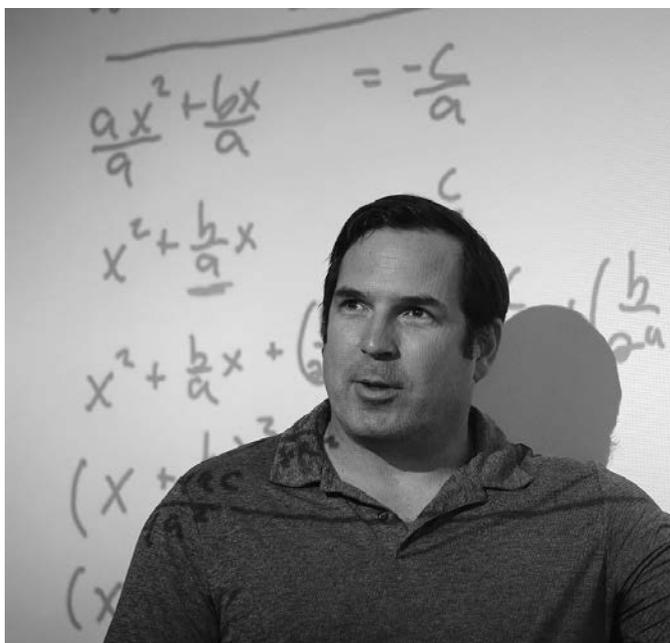
A background check is required by health care organizations. Students will be conditionally accepted into WNC's nursing program until their background check information is approved by the clinical sites. Should clinical sites not approve a student, the conditional acceptance will be withdrawn and the student will not be admitted into the nursing program. Students will be denied entrance into the WNC nursing program if an adverse background check is received from a clinical site. Drug screening may also be required by clinical sites. Students will be informed of the requirement when necessary.



NURSING PROGRAM READMISSION POLICIES

1. At the conclusion of each semester of study, the Nursing Program Faculty Committee discusses students who failed or withdrew from courses during the semester. The faculty acknowledges the responsibility to readmit students, who in their judgment satisfy the requirements of scholarship and professional suitability for nursing. The faculty reserves the right to deny readmission based on a history of unprofessional conduct that violates the ANA Code of Ethics.
2. A student who matriculates into the nursing program may be readmitted one time following a withdrawal/failure. A written request for an exception to the policy for such reasons as medical and military will be considered by nursing program faculty. Students who are eligible to be considered for readmission into the nursing program will be admitted using a point system and on a space-available basis.
3. Students seeking readmission into the nursing program will be required to demonstrate currency of knowledge and skills by passing competency evaluations for selected nursing theory and laboratory courses previously successfully completed. Students may choose the option to repeat those courses or will be required to repeat those courses if the competency evaluations are not passed. A score of 75% or more is required for each theory competency evaluation and a passing grade is required for selected skill evaluations, including basic nursing assessment skills, in order to be readmitted into the nursing program.

- A student must submit a letter to the Director of Nursing & Allied Health informing the director that he/she wishes to challenge courses previously successfully completed. The letter must be received within two weeks of receiving the acceptance letter for readmission into the nursing program. Upon receipt of the letter, the director will discuss the challenge process with the student and will schedule the challenge evaluations.
- Students who withdrew from or who failed a course or courses that are related (e.g. NURS 136, 137 & 141) will be required to repeat all courses in the sequence. Students electing to challenge courses previously passed will be required to pass all courses that are related. For example, a student who had passed NURS 136 challenge evaluation but who fails the NURS 137 challenge evaluation will be required to repeat the sequence of courses.
- Nursing courses taken more than 2 years prior to reapplication will need to be repeated.
- Students seeking readmission into the nursing program will be required to submit an acceptable background check.



NURSING

Associate of Applied Science Degree

Salary: \$64,400-\$85,000/year (Nevada)

Career Outlook: High growth, especially in home health care and nursing homes.

Good To Know: Hospital nurses tend to earn more than nurses in doctors' offices; may include working days, nights, weekends or holidays.

TOTAL REQUIREMENTS		71.5 UNITS
PREREQUISITE COURSES*		21 UNITS
CHEM 121	General Chemistry I	4
or BIOL 190	Introduction to Cell and Molecular Biology	
BIOL 223*	Human Anatomy and Physiology I	4
BIOL 224*	Human Anatomy and Physiology II	4
ENG 101	Composition I	3
MATH 120	Fundamentals of College Mathematics	3
or MATH 126	Precalculus I or higher MATH course	
PSY 101	General Psychology	3

*BIOL 223 & BIOL 224 must be completed at the same college or university if taken at an institution other than within Nevada System of Higher Education.

NOTE: Statute of Limitation for science courses is five years by the date of application to the nursing program.

Current CNA Certification or completion of NURS 129 or NURS 130 required within five years of the date of application to the nursing program is a required prerequisite.

COREQUISITE (NON-NURSING) COURSES		10 UNITS
BIOL 251	General Microbiology	4
ENG 102	Composition II	3
U.S./Nevada Constitutions Course (PSC 101, HIST 111 or CH 203 recommended)		3

Note: Corequisite courses must be completed by the end of the fourth semester of the nursing program. See the Associate of Applied Science degree for more information on courses fulfilling the general education requirement. Completion of Chemistry 121 or Biology 190/190L, 223, 224 and 251 fulfills the science general education requirement for the Associate of Applied Science degree in Nursing.

FIRST YEAR: FALL SEMESTER COURSES		10 UNITS
NURS 136	Foundations of Nursing Theory	3
NURS 137	Foundations of Nursing Laboratory	1
NURS 141	Foundations of Nursing Clinical	2
NURS 147	Health Assessment Theory	2
NURS 148	Health Assessment Laboratory	1
NURS 152	Foundations of Pharmacology in Nursing I	1
FIRST YEAR: SPRING SEMESTER COURSES		11 UNITS
NURS 149	Mental Health and Illness Theory	3
NURS 151	Mental Health and Illness Clinical	1
NURS 153	Foundations of Pharmacology in Nursing II	1
NURS 165	Medical Surgical Nursing I Theory	3
NURS 166	Medical Surgical Nursing I Laboratory	1
NURS 167	Medical Surgical Nursing I Clinical	2
SECOND YEAR: FALL SEMESTER COURSES		9 UNITS
NURS 156	Foundations of Pharmacology in Nursing II	1
NURS 261	Nursing Care of the Family Theory	2
NURS 262	Nursing Care of the Family Lab/Clinical	1
NURS 270	Advanced Clinical Nursing I Theory	3
NURS 271	Advanced Clinical Nursing I Clinical	2
SECOND YEAR: SPRING SEMESTER		10.5 UNITS
NURS 261	Nursing Care of the Family Theory	2
NURS 262	Nursing Care of the Family Lab/Clinical	1
NURS 276	Advanced Medical Surgical Nursing II Theory	3
NURS 277	Advanced Medical Surgical Nursing II Clinical	2.5
NURS 284	Role of the ADN Manager of Care	2

Note: The sequence of some courses in the second year for fall and spring semesters may be altered.

CERTIFIED NURSING ASSISTANT

Certification Preparation

The college offers NURS 130 – Nursing Assistant, a six-unit class that prepares students to take the Nevada licensing exam for certification as a nursing assistant.

A Certified Nursing Assistant is an individual who, under the direction of a licensed nurse, typically provides basic nursing care for patients in long-term and acute care facilities. CNAs are educated to assist patients with activities of daily living such as bathing, feeding and dressing, and to help maintain a safe and protective care environment. As they have extensive daily contact with patients, CNAs also play a key role in communicating information/observations to the nurse.

EMERGENCY MEDICAL SERVICES

Certification Preparation

EMS 100 – Basic Life Support CPR, EMS 108 – EMT Training, and EMS 115 – Advanced EMT. EMS courses are offered in a sequential series to prepare individuals with the knowledge and skills to assess and care for patients in an emergency or in an out-of-hospital setting. Completion of selected courses is designed to prepare students to take the National Registry Examination for EMT-Basic and the appropriate Nevada EMS certification examination for Advanced EMT.

EMS 108 and EMS 115 are designed to meet the National Standard Curriculum published by the United States Department of Transportation, National Highway Traffic Safety Administration.

A background check may be required by some clinical sites prior to the start of clinical experiences. Information about how to meet this requirement will be explained by the course instructor. Drug screening may be required by health care organizations. See the Nursing & Allied Health website for the process and procedures to follow.

ADVANCED EMERGENCY MEDICAL TECHNICIAN

Certification Preparation EMS 115

For certified EMTs, WNC offers training for career advancement. Students will learn to incorporate knowledge of basic and advanced emergency medical care for critically ill and emergent patients to reduce the morbidity and mortality associated with acute out-of-hospital medical and traumatic emergencies.

LABORATORY TECHNICIAN-PHLEBOTOMY

Certification Preparation

Phlebotomy classes (LTE 101 and LTE 102) are listed in the class schedule under the Laboratory Technician heading. These courses provide students with knowledge and skills necessary to perform the collection, identification and preservation of specimens as applied to venipuncture techniques.

Phlebotomists are trained to collect blood specimens by safely performing skin puncture or venipuncture procedures on patients of all ages. They are required to adhere to strict policies and safety precautions designed to provide patient protection and comfort, and to assure safe handling of specimens throughout the collection process.

NOTE: These courses have mandatory admission requirements. See the Nursing & Allied Health web pages for required immunizations, tests, major medical insurance and CPR certification. This information must be provided to the Nursing & Allied Health Office before permission to enroll in the course is granted. Information regarding how to submit information required to qualify for enrollment into these courses is available on the Nursing & Allied Health web pages. Students are eligible to register after all required information is received by the Nursing & Allied Health Office.



Welding

PROFESSIONAL AND APPLIED TECHNOLOGY DIVISION

This program provides opportunities to practice and prepare for welding certification exams and allows students to explore other industrial skills that are used in a variety of occupations and businesses.

WELDING

Associate of Applied Science - Technology Degree

Salary: \$23,000-\$46,800/year (Nevada)

Career Outlook: Average growth.

Good To Know: Certification required for many jobs; most welding positions will be available in manufacturing facilities that produce or assemble metal parts or products.

MISSION: The mission of the Associate of Applied Science in Technology is to provide employment-related knowledge and skills necessary as a professional in a chosen field of study.

STUDENT LEARNING OUTCOMES: Students who complete an Associate of Applied Science in Technology are expected to:

- Know the subject matter appropriate to the emphasis of the degree. (WNC SLO 1,3,6,7)
- Communicate effectively and appropriately, in oral and written form. (WNC SLO 2)
- Locate, evaluate and properly utilize the tools and resources appropriate to a technology degree professional. (WNC SLO 1,6,7)
- Acquire skills and perform tasks necessary for employment or career enhancement. (WNC SLO 1,7)
- Developed an appreciation of the importance of social, ethical, legal and diversity issues. (WNC SLO 5,7)
- Developed an appreciation of the need and importance of lifelong learning. (WNC SLO 1)

AMERICAN WELDING SOCIETY ACCREDITATION

The Andy Butti Welding Technology Center is the only accredited welding testing facility in Northern Nevada.



TOTAL REQUIREMENTS

60 UNITS

PROGRAM REQUIREMENTS

36 UNITS

DFT 110	Blueprint Reading for Industry	3
WELD 211	Welding I	3
WELD 212	Welding I Practice	2
WELD 221	Welding II	3
WELD 222	Welding II Practice	2
WELD 231	Welding III	3
WELD 232	Welding III Practice	2
WELD 241	Welding IV	3
WELD 242	Welding IV Practice	2
WELD 250	Welding Certification Preparation	1-12

Choose 1-12 units from the following program electives:

AIT 101	Fundamentals of Applied Industrial Technology	4
ET 131	DC for Electronics	4
ELM 143	Wiring Techniques	2
MTT 105	Machine Shop I	3
WELD 151	Metallurgy I	3
WELD 224	Welding Projects	1-6
WELD 290	Internship in Welding	1-4
WELD	Related Welding Courses	1-3

GENERAL EDUCATION REQUIREMENTS

24 UNITS

English/Communications Requirement: <i>Recommended: BUS 107</i>	6
<i>Must include a writing course</i>	
Human Relations: Recommended; BUS 110	3
Humanities/Social Science Requirements	3
Mathematics Requirement: Recommended: MATH 110	3
Science Requirement	3
U.S. and Nevada Constitution Requirements	3
General Elective	3

A list of all courses filling general education requirements for the Associate of Applied Science Degree can be found on the Associate of Applied Science page.

WELDING - Suggested Course Sequence

Note: Sequence based on enrollment that begins with the fall semester. Some courses may not be taught each semester.

FIRST SEMESTER	Completed	THIRD SEMESTER	Completed
WELD 211	3 <input type="checkbox"/>	WELD 231	3 <input type="checkbox"/>
WELD 212	2 <input type="checkbox"/>	WELD 232	2 <input type="checkbox"/>
English Course		General Elective	3 <input type="checkbox"/>
(Bus 107 Recommended)	3 <input type="checkbox"/>	Humanities/Social Science Course	3 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
Science Course	3 <input type="checkbox"/>		
SECOND SEMESTER	Completed	FOURTH SEMESTER	Completed
English Course	2 <input type="checkbox"/>	WELD 241	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	WELD 242	2 <input type="checkbox"/>
DFT 110	3 <input type="checkbox"/>	WELD 250	4 <input type="checkbox"/>
Program Elective	1-3 <input type="checkbox"/>	Program Elective	3-5 <input type="checkbox"/>
WELD 221	3 <input type="checkbox"/>	U.S./Nevada Constitution	3 <input type="checkbox"/>
WELD 222	2 <input type="checkbox"/>		

Third-party industry-recognized credentials can be earned throughout the program. A fee is associated with most exams.

WELDING TECHNOLOGY

Certificate of Achievement

Provides students with opportunities to practice and prepare for welding certification examinations and the knowledge and skills for employment in welding and related careers.

TOTAL REQUIREMENTS 30 UNITS

PROGRAM REQUIREMENTS 18 UNITS

WELD 211	Welding I	3
WELD 212	Welding I Practice	2
WELD 221	Welding II	3
WELD 222	Welding II Practice	2
WELD 250	Welding Certification Preparation	6
	Welding Elective	2

GENERAL EDUCATION REQUIREMENTS 12 UNITS

English/Communications Requirements: <i>Must include a writing course</i>	6
Human Relations Requirement: <i>Recommended: BUS 110</i>	3
Mathematics Requirement	3

A list of all courses filling general education requirements for the Certificate of Achievement can be found on the Certificate of Achievement page.

WELDING - Suggested Course Sequence

FIRST SEMESTER	Completed	SECOND SEMESTER	Completed
WELD 211	3 <input type="checkbox"/>	WELD 221	3 <input type="checkbox"/>
WELD 212	2 <input type="checkbox"/>	WELD 222	2 <input type="checkbox"/>
Human Relations Course	3 <input type="checkbox"/>	WELD 250	6 <input type="checkbox"/>
GE English/Comp Course	3 <input type="checkbox"/>	GE English/Comp Course	3 <input type="checkbox"/>
Mathematics Course	3 <input type="checkbox"/>	WELD Elective	2 <input type="checkbox"/>

WELDING

Certification Preparation

Students are introduced to the many welding certifications available by meeting the standards of the American Welding Society codes. This includes instruction on code certification required by the American Petroleum Institute and the American Society of Mechanical Engineers.

	UNITS
SHIELDED METAL ARC-WELDING AND GAS METAL ARC-WELDING	
WELD 211 Welding I	3
WELD 212 Welding I-Practice	2
WELD 221 Welding II	3
WELD 222 Welding II-Practice	2
FLUXED-CORE WELDING AND GAS TUNGSTON ARC-WELDING	
WELD 231 Welding III	3
WELD 232 Welding III-Practice	2
WELD 241 Welding IV	3
WELD 242 Welding IV-Practice	2
AWS CODE EXAM	
WELD 250 Welding Certification Preparation	9



Continuing Education

WNC Continuing Education offers courses* in Carson City, Fallon and online, open to any member of the community. We provide opportunities to learn new skills, advance your career and better your life in a low-pressure, encouraging environment. Our goal is to meet your needs, provide you with clear pathways to meet your goals, and inspire you to keep learning! You can also connect with us on social media. For the Carson City campus, connect on Facebook @WNCContinuingEd. For the Fallon campus, connect on Facebook, Twitter or Instagram @WNCFallon.

To register: visit www.wnc.edu/continuing-education or call (775) 445-4241 (Carson City) or (775) 423-7565 (Fallon).

CARSON CITY*

These courses occur in person over several weeks and result in certification for students who complete them successfully. Our programs include:

HTML BOOTCAMP

Learn to design, build and sell websites. Receive instruction from experienced web developers and leading minds in entrepreneurship.

NEW BUSINESS OWNER QUICK-START SEMINAR

Jump start your new business with instruction by experienced business owners. In just two weekends, you'll complete a business plan and have the support you need to follow your dreams.

PERSONAL TRAINER CERTIFICATION

Get nationally certified as a personal trainer. Students receive 30 hours of core knowledge instruction and practical labs. Hybrid online and in-person classes are available.

DRIVER EDUCATION

Get your driver's license! We offer 30 hours of DMV-approved classroom training.

MOTORCYCLE RIDER COURSE

Earn your M class endorsement with our Basic RiderCourse, and enhance your skills with our Advanced RiderCourse.

QUICKBOOKS

Learn to use this popular accounting software, from beginning to advanced functions.

MESSAGE THERAPY CONTINUING EDUCATION UNITS (CEUs)

Maintain your certification and improve your skills as a massage therapist with our AMTA-certified classes.

AMERICAN RED CROSS BABYSITTING & CPR/AED/FIRST AID

Receive or renew your certification in adult and pediatric first aid, CPR and AED. Hybrid online and in-person classes are available.



PERSONAL ENRICHMENT CLASSES

Personal enrichment classes occur over a 1-4 session period of time and cover a specific skill or interest area. Classes are taught by community members with a passion for and experience in the area in which they are teaching. Available classes include:

ART CLASSES

Learn watercolor, ceramics, book arts, calligraphy and more!

MINDFULNESS-BASED STRESS REDUCTION

Approach life with more composure, understanding, energy and enthusiasm with this research-based approach to stress reduction and pain management.

FITNESS CLASSES

Available when it's convenient for you, our fitness classes are open to people of all ages and fitness levels. We're now proud to offer Zumba*!

SAFETY AND FIRST AID

Our American Red Cross courses offer certifications in adult and pediatric first aid/ CPR/AED as well as babysitting.

COMPUTER AND TECHNICAL SKILLS

Use your computer with less frustration and more productivity. From basic to advanced, we offer classes in a variety of software programs, including the Microsoft Suite. We also offer a computer basics class.

SPECIAL INTEREST

If you want to learn it, we can teach you! Additional courses are available including everything from HAM Radio to Understanding Your Medicare Insurance Options.

NEW CLASSES ARE ADDED REGULARLY. CALL OR VISIT US ONLINE FOR OUR MOST CURRENT CLASS LISTINGS.

(775) 445-4241 - Carson City

(775) 423-7565 - Fallon

www.wnc.edu/continuing-education

*Continuing Education classes do not offer credits towards the completion of an associate or bachelor's degree. Certifications and certifications of completion are designed to promote career advancement and personal growth.



ONLINE*

Get the certification you need on your time, wherever it's convenient for you! Open enrollment allows you to start any time and provides up to 18 months of access to complete courses at your pace. For the learner who prefers a group, instructor-led courses start every month, offer a cohort of other students for peer support, and last 6 weeks.

DRIVER EDUCATION

Get your driver's license! Complete your 30 hours of DMV-approved classroom training online.

HOSPITALITY

With courses available in Spanish and English, you or your employees can expand your knowledge and improve your service. Training is available in hotel management, wedding and event design, executive housekeeping, restaurant management and more.

LEGAL STUDIES

Become a court interpreter, paralegal or legal secretary, or earn a Certificate in Workplace Mediation, Family Mediation or Mediation and Arbitration.

PROFESSIONAL DEVELOPMENT FOR TEACHERS

Become the teacher you've always wanted to be. Courses are available in Solving Classroom Discipline Problems, Teaching Students with Autism, and more.

TEST PREP

Ace the SAT/ACT, GRE, ASE Technician Test, LSAT or GMAT with our online test prep courses!

NEW CLASSES ARE ADDED REGULARLY. CALL OR VISIT US ONLINE FOR OUR MOST CURRENT CLASS LISTINGS.

(775) 445-4241 - Carson City

(775) 423-7565 - Fallon

www.wnc.edu/continuing-education

*Continuing Education classes do not offer credits towards the completion of an associate or bachelor's degree. Certifications and certifications of completion are designed to promote career advancement and personal growth.

CDL TEST PREP - FALLON

This class is designed to prepare students to pass the written General Knowledge test, Air Brakes test and Combination Vehicles test. These tests are required to obtain a Commercial Driver's License (CDL) in the State of Nevada.

The class will be 90% classroom instruction and 10% hands-on instruction. For this class, the focus will be on the sections 1, 2, 3, 5, and 6 of the driver's manual. The hands-on portion of the class will focus on the pre-trip inspection and air brakes procedure.

CDL SKILLS TEST PREPARATION - FALLON

This class is designed to prepare students to pass the CDL Skills test. The Skills test is comprised of vehicle inspection, basic vehicle control and on-road test.

The class will be 85% hands-on instruction and 15% classroom instruction. The classroom portion will focus on the concepts of the skills test including basic control and backing the truck/trailer. The classroom portion will also focus on the concepts of double clutch shifting. The hands-on portion will focus on operating the truck/trailer in a controlled environment and under close supervision of the instructor(s). The hands-on portion will also include intensive training in backing the truck/trailer in a controlled backing concourse.

The students will be tested on their knowledge via written test review, online test review and skills test (driving and backing) evaluations by the instructor(s).

SPECIALTY CROP INSTITUTE

The Specialty Crop Institute provides training for alternative farming methods and crops for Nevada's high desert growing conditions. This innovative program combines classroom instruction and on-farm experiences; workshops are taught by the best of industry experts, producers and educators from across the nation. The goals of the Specialty Crop Institute are to expand and diversify Nevada agriculture.

Information: 775-423-7565, ext 2228 or email ann.louhela@wnc.edu
www.wnc.edu/sci/



Adult Literacy & Language

Adult Literacy & Language offers workforce and college preparation options, as well as free literacy instruction at all levels for individuals seeking opportunities that will enable them to reach their life, work, civic, family, educational, and personal goals. English Language Learning (ELL) and High School Equivalency (HSE) preparation are available, free of charge, to adults who meet the eligibility requirements. Services are offered year-round and include classes, tutoring, and computer-based instruction for the high school equivalency exams (GED or HiSET), English language learning (literacy through Advanced), English Language Transition, Citizenship, Phonics/conversation, computer skills, career pathways, employability skills and transition to college programs. Services are available in Carson City, Dayton, Fallon, Fernley, and Gardnerville.

Contact our office at 775-445-4452 or visit us online at wnc.edu.

ELIGIBILITY REQUIREMENTS

To participate, individuals must be at least 16 years old and not required to be enrolled in a high school. Adults without a high school diploma, whose native language is not English, and who require preparation for college are also eligible.

IMPROVE YOUR SKILLS

Free English Language Learning (ELL) & High School Equivalency (HSE) preparation

- Prepare for the GED or HiSET exams
- Learn to speak, read and write English
- Prepare for the workforce
- Prepare for college-level classes

NV-ACE (NEVADA ACCELERATED CAREER EDUCATION)

The Adult Literacy & Language Program offers free classes that prepare students for their high school equivalency test (HiSET or GED) while completing industry training within the field of Construction Management.

Industry credentials are integrated into the curriculum providing individuals with the opportunity to earn industry specific credentials. Students will earn college credit, complete a certification from the Occupational Safety and Health Administration (OSHA) and earn certifications through the National Center for Construction Education and Research (NCCER).

COLLEGE PREPARATION AND CAREER PATHWAYS

The Adult Literacy & Language college preparation program provides free access and support services for students preparing for entry into college degree or certification programs. The program provides the opportunity for students who meet minimum eligibility requirements to enroll into dual-enrollment adult and college preparation courses.

Program staff and advisers offer assistance with selecting career goals, conducting job searches, writing resumes, career exploration and workplace readiness.

HIGH SCHOOL EQUIVALENCY AND WORKFORCE PREPARATION (HSE)

The HSE preparation program provides instruction in science, social studies, reading, math (algebra, geometry, trigonometry), English and writing. Each HSE course teaches the materials required for students to pass the HiSET or GED high school equivalency exams. Preparation is structured to move at a pace that accommodates a wide range of abilities and schedules. Classes are offered in the mornings and evenings. Options include classes, computer-based and online instruction, workshops, and tutoring.

Program staff and advisers offer assistance with selecting career goals, conducting job searches, writing resumes, career exploration and workplace readiness.

ENGLISH LANGUAGE LEARNING (ELL)

Free English classes for adult learners whose native language is not English. Beginning Literacy through Advanced level classes are offered in the morning and evening. Classes focus on reading, writing, speaking, listening, vocabulary, grammar, phonics and conversation. The ELL program prepares students to develop the language skills required to communicate effectively in the community, workplace, and in their daily lives. ELL classes also teach students to use English for entering college, job training and career advancement. All instruction is in English and students must be at least 16 years old.



HIGH SCHOOL EQUIVALENCY AND WORKPLACE READINESS TESTING (GED, HISET, ACT WORKKEYS)

HSE TESTING (GED AND HISET)

Nevada is one of several states that have adopted alternative assessments for testers to take and earn the Nevada Certificate of High School Equivalency (HSE). Since January 2014, Nevada accepts the GED exam (designed by Pearson Vue), the HiSET (designed by Educational Testing Services) and the TASC (designed by CTB/Data Recognition Corporation). The assessments cover the same content and allow test-takers to demonstrate proficiency of the academic skills expected by employers and postsecondary institutions. Passing any of the three tests will lead to the same Certificate of High School Equivalency issued by the State of Nevada. The HSE testing center at Western Nevada College offers the GED and the HiSET exams.

HSE testing for the HiSET and GED exams is available to individuals who are ready to take the official exam. HSE preparation is not required to take the official test. Individuals who wish to take preparation classes (designed to accommodate all skill levels) for the HiSET or GED should enroll into classes.

NATIONAL CAREER READINESS CERTIFICATE/ACT WORKKEYS

The ACT WorkKeys exam measures foundational skills required for success in the workplace and helps measure the workplace skills that can affect job performance. Assessments are web-based and are available in both English and Spanish.

Individuals who successfully complete the required WorkKeys assessments may earn the ACT WorkKeys National Career Readiness Certificate (NCRC) – a credential that verifies the skills to be found most essential across industries and occupations.

ACT WorkKeys Assessments:

- Applied Math – Required for the NCRC
- Graphic Literacy – Required for the NCRC
- Workplace Documents – Required for the NCRC
- Applied Technology
- Business Writing
- Workplace Observation



OUR VISION

WNC is an integral and innovative educational partner fostering equity and a life of learning in an inclusive environment for the evolving, diverse communities we serve.



OUR VALUES

WNC is student centered, inquiry driven and data informed as we nurture community connections and promote an environment of equity and inclusion.



OUR MISSION

WNC contributes to solutions for the 21st century by providing effective educational pathways for the students and communities of Nevada.

